University of Alberta
Alumni Association

Summer 1987

# NEW TRAIL

Homecoming! A Blend of Old and New

Preserving China's Natural Heritage

A Link with the Sea

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# Project Leadership

## Annual Fund

*University of Alberta students will try to contact all alumni by phone during the next 21 months, as part of the Project Leadership annual fund campaign.*

*The phone calls will be preceded by letters from President Myer Horowitz and Chairman Lou Hyndman, to announce the campaign and outline the case for support of the University.*

The major goal of the Project Leadership phoning compaign is to increase participation of alumni in annual giving. The financial target is $4 million, to be raised over a four year pledge period.

The program will operate from the lower level of Athabasca Annex, where a day-time crew of students will generate letters and coordinate the overall process. Each evening, Monday through Thursday, another 20 students will make phone calls. An extra benefit of the program is that it provides part-time work for as many as 100 University students in clerical and phoning jobs.

According to Hal Spelliscy, Executive Director of Development, there has never been a better opportunity for investing in the University of Alberta. Private donations must play a more important role in maintaining quality education. In addition, the Alberta Advanced Education Endowment and Incentive Fund provides for gifts to be matched dollar for dollar, or double matched if the donation is directed to a University endowment fund.

Edmonton Telephones has generously agreed to donate state of the art telephone equipment, plus servicing - a gift worth about $20,000 in total.

Alumni will be contacted in a chronological order, by year of graduation. Please respond generously when a student caller visits with you by phone.

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# NEW TRAIL

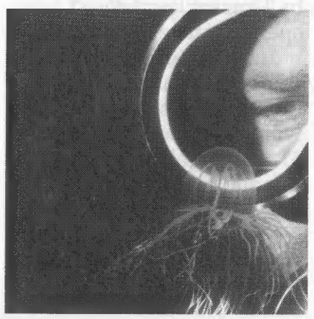
The theme adopted for this September's Homecoming weekend is "something old, something new." Graduates returning to campus are promised sights of well-remembered places and the renewal of old acquaintenceships combined with an experience of the more recent developments at the University and the opportunity for new friendships.

"Something old, something new" is a description that applies equally well to this issue of *New Trail*. From the cover right on through to the "Class Notes," the magazine has been given a complete visual redesign. For some time now, we have been contemplating changes to the magazine to not only make it more visually attractive and contemporary in appearance but to allow us to make better use of the space available. Then, too, it was felt that *New Trail*, which is the University's major communications link with a very important constituent group, should fall in line with with the new visual design standards which have been introduced to give the University a clear and consistent visual identity. It was this consideration that brought us the services of Cindy Bouwers, a 1984 BFA graduate of the University, who is the Visual Identity Program's staff designer. She took the basic design formats we had developed and translated them into the attractive visual design you see before you—and for that we offer her our sincere thanks.

The picture chosen for the cover of this issue appeared in the *Evergreen and Gold* yearbook of 50 years ago. It was chosen to promote Homecoming '87, at which the graduates of 1937 will be one of the special classes honored, but it is also a reminder of the tradition of which this magazine, new design and all, is a part. The Alumni Association published the first copy of *The Trail* in 1920, and that publication was succeeded by *The New Trail* (later simply *New Trail* ), which made its debut during the Second World War.

While our look may be new, our commitment remains the same: to keep graduates in touch with their alma mater and with each other in a publication that is both entertaining and readable.

**Rick Pilger**
**Editor**



**Bamfield Marine Station: Biology by the Sea** 7
An exceptional marine facility on B.C.'s open coast provides the land-locked University of Alberta a link with the sea.

**Into the Shadow of the Himalayas** 16
Three Canadians were the first Western scientists in modern times to visit the elevated grasslands of the Arjin Mountains.

**Recollections of CKUA** 22
CKUA's first control operator shares his personal memories of the pioneering days of educational radio.

**Campus Reporter** 4
**Alumni** 12
**Miscellany** 14
**Imagery** 15
**The Association** 19
**Class Notes** 25

**Cover**
Fifty years ago the Rally Club (Rex Younge, George Casper, Lorne Oatway, Clem King) led the cheers.This fall the Class of 1937 returns to campus as the "Golden Grads" of Homecoming '87.

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## Funding Cuts Force Severe Measures

In the wake of significantly reduced funding from the Province of Alberta, the University has been forced to take severe measures to balance its budget for the current fiscal year. These include tuition fee increases, the introduction of some new fees, and the cutting out of programs in a number of areas.

"A great deal will be affected in the coming year," President Myer Horowitz told the campus bulletin *Folio*, "and in all of it, it is very important to focus on the human factor. We will all aim to make the best of a very difficult situation. But the brutal truth is that the quality of what we do will be affected, no matter how hard we try."

For the 1987-88 budget year the University will receive an operating grant totalling $206 million from the provincial government—a three per cent decrease from 1986-87—and a capital grant of $18.7 million—36.5 per cent less than the previous year.

"Combining the two figures gives us an over-all cut of six per cent, *not* the three per cent figure that government talks about," said the president, who went on to put the matter in a broader perspective, "recognizing inflation we're really talking about a 10 per cent cut."

To deal with this extreme situation, at its April meeting the University's board of governors gave approval to a variety of measures to increase other revenues and decrease expenditures. The governors expect to raise an extra $2.5 million through a 10 per cent hike in tuition fees—the maximum increase allowed by provincial guidelines—and to gain $1.5 million more through the introduction of a computer/library user fee of $30 per student per term.

All University departments will be affected by University-imposed spending taxes designed to reduce over-all expenditures by approximately $4.3 million, and expenditures will be reduced a further $1.9 million by the discontinuation of programs in a number of areas and severe reductions in the size of others. Prominent among the services to be dropped by the University are the Extension Library and the radio and television technical services division.

## Man in Motion Visits Campus

Early in March the excitement of Rick Hansen's *Man in Motion* world tour reached the University campus.

At a March 6 rally in his honor, Hansen allowed that he "took the long way around to get from British Columbia to Alberta." But if that diminished his welcome it wasn't noticeable: the noon hour event was punctuated by a great deal of hand waving and standing ovations. In between, Vice-President (Academic) Peter Meekison announced that the University community had raised more than $21,000 for the *Man in Motion* campaign and read a message prepared by President Horowitz.

The president's message contained the news that the Pavilion's track will henceforth be known as "the Rick Hansen Track." Chancellor Tevie Miller also had an announcement to make: that the former Research and Training Centre for the Disabled is now renamed "The Rick Hansen Centre."

The last speaker was Rick Hansen himself, and the Man in Motion reiterated his message that people should strive to break down the barriers that are preventing the physically disabled from reaching their goals in life.

*Rick Hansen addresses the crowd at the Butterdome.*

## President Back with Vigor

In mid-February the University of Alberta community held its collective breath. News had come that President Myer Horowitz, who had suffered a heart attack in 1976, had been admitted to hospital suffering chest pains. Then came word that he was undergoing open-heart surgery.

However, not long after, it was possible to relax. The president's recovery was uncomplicated. By late March he was able to return to work part-time, and he is now back on the job full-time—"but only full-time," he adds with a smile.

*Back to work full-time.*

While the hours he spends on the University's affairs may have been reduced in deference to his doctors' orders, the intensity with which he approaches them has not diminished. The president continues to deal with the issues of the day—and these days that's mostly the budget—with his customary passion.

"I intend to complete my term with strength and vigor," he says. "I have no intention of throwing in the towel."

## Impact Revealed

Through its purchases of goods and services and money spent by its staff, students and visitors, the University of Alberta had an

economic impact of more than $440 million on the city of Edmonton in 1985-86, says a recent study.

The study, completed by the campus Management Advisory Institute, shows that a total of $295.4 million was injected into the local economy by the University from the beginning of April 1985 to the end of March 1986. When this is multiplied by 1.49 (the figure suggested by Alberta Bureau of Statistics tables) to recognize the multiplier effect of the total injection, it reveals an economic impact of $440.1 million.

During the study period the University received slightly more than $405 million in revenue, much of which was injected into the local economy through expenditures made by the University itself ($52.7 million), University staff ($163.5 million), students ($76.8 million), and visitors ($2.4 million).

The MAI report points out that most of the revenue received by the University came from the provincial and federal governments. Other revenue sources identified are the sale of goods and services; tuition and related fees; investment income; gifts, donations and grants; and the proceeds of disposals. Most of this revenue was found to originate outside the local area—which means that if the University did not exist, there would not be this input of revenue into Edmonton.

Figures show that in the study period the University employed close to 10,000 people, making it the city's third largest employer—behind the city itself (10,628 employed) and the provincial government (15,912 employed). The student population (full and part-time) was 28,402—leading to the estimate of a campus population approaching 35,000 persons on a typical winter session day.

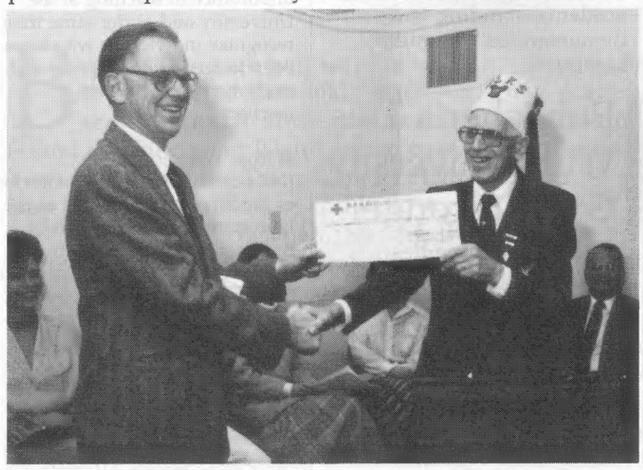
# New Institute to Help Stutterers

Outside it was February in Edmonton; inside the furniture had yet to arrive and the walls were still bare, but the atmosphere was anything but cold when the Stuttering Treatment and Research Centre was officially opened.

Among the speakers who provided eloquent testimony to the work being undertaken by the Institute were the mother of a young boy who had increasingly withdrawn from social interaction until his stuttering problem was treated and a former stuttering client who gave a first-hand account of the intense agony stuttering can cause. Both had warm praise for the method of treatment devised by University of Alberta professor Einer Boberg and developed in collaboration with his former student Deborah Kully.

The Boberg-Kully method, around which the Centre's treatment program is built, is now in use around the world. Using the method, Dr. Boberg and his colleagues have been able to dramatically improve the lives of stutterers and their families through a variety of clinics. But always there were insufficient funds to treat all who could benefit, and Dr. Boberg dreamed of a proper treatment and research institute.

That such an institute now exists is owing to the generosity of the Elks Association of Alberta. Through happy circumstances (involving a chance meeting in a hot tub at a mountain resort) the Elks learned of the work Dr. Boberg was doing and the need for funding. Upon investigation, the Elks were so impressed by the need that exists that they agreed to fund the Institute with an operating grant of $30,000 per year and an equipment grant of $25,000 from their Purple Cross Fund.



*Robert Coulling of the Elks presents an extra-large cheque to Dr. Einer Boberg for the Stuttering Institute.*

With the Elk's support, the Institute was able to rent 3,800 square feet of space near campus and purchase some basic equipment. Operating monies for salaries and supplies will come from services offered on a fee-for-services basis.

The Stuttering Treatment and Research Institute has been registered as a non-profit society. It receives no direct funding from the government or the University. However, a welcome surprise was the announcement made by University President Myer Horowitz at the opening ceremonies that he was contributing $2,000 from his President's Discretionary Fund to help the Institute get established.

# Class Shares Memories of Historic Claim

Way back in 1961—in the days of "Taverns and Ladies and Escorts" in Alberta, before the Charter of Rights and Freedoms, before human rights legislation became popular —the law school at the University of Alberta was experiencing its own "equality" problems.

Four female members of the graduating class desiring to attend the Graduation Banquet (perhaps better known as the "Law School Stag") alongside their male classmates were persistent enough to file a "statement of claim" against the Law Club when they were not allowed to attend. One of the plaintiffs was Margaret Bonar, now practicing law in Edmonton, and the president of the Law Club named as co-defendant was one Jim Coutts, now of Toronto.

In the end the Law Club settled out of court and the women went to the banquet —and have gone ever since—but numerous and varied stories have surrounded this event. Some say that the women were sneaked in the back door at the last minute. . . that Jim Coutts barricaded himself in a house to prevent being served with the claim. . . that the women dressed up as steelworkers. . .

On March 6, 1987 the law class of 1961 held a reunion to discuss these varied stories and to share their memories of those times. Among the speakers at the ceremonies held at the campus Law Centre were Ms. Bonar, who made a presentation to the Law Library of the original statement of claim, and Mr. Coutts, who reminded those present that the women of

Canada still remain a disadvantaged class.

That theme was picked up by another speaker, John Law, an associate professor in the University's Faculty of Law. He argued that the male domination of the law will not soon be overcome even though women now enter law school in the same numbers as do men. He described justice as it is currently practiced as "largely a competitive enterprise," and said, "Emotional and intuitive reactions, born of experience, are accorded at best a subordinate status. Feminine traits such as care, responsiveness and co-operation are down-played or driven out of the law school environment. In the end, learning to think like a lawyer is learning to think like a man."

## Hyndman Scholarship Created

The Lou Hyndman Edmonton Glenora Scholarship has been created with the donation of about $70,000 to the University by the trustees of the Lou Hyndman Campaign Trust Fund.

The $70,000 became available through the accumulation and investment (according to the provisions of *The Election Finances and Contributions Disclosure Act*) of small surpluses left over after each of Mr. Hyndman's election campaigns between 1967 and 1982. When Mr. Hyndman, who served in three provincial cabinet portfolios, announced his retirement from politics, the trustees of his campaign fund decided to publicly and permanently recognize his commitment and service to Alberta.

Addition of the funds resulting from the provincial government's two-for-one matching of scholarship endowments, brings the total of the fund for the creation of the Hyndman scholarship to approximately $210,000. Money from this fund will be used to endow two awards which will be presented annually. Students in law, history, political science, education, business or economics will be eligible, with the winners each receiving $4,000 for each of the last two years of their degree program.

The scholarship will be awarded on the basis of high academic standing and demonstrated community service.

## Publisher's Ties With University Grow Stronger

The already strong ties between the University and Hurtig Publishers Ltd. continue to grow stronger.

In January the publisher presented cheques in the amount of $125,000 and $60,000 to the University during ceremonies at University House. The larger amount is a donation that will help pay for the Meteor Vision System, an updated typesetting system recently purchased by the University's printing services department. The $60,000 was the balance of royalties owing in respect to the arrangement between the publisher and the University concerning the sales of the three-volume *Canadian Encyclopedia* —the University's share is five per cent.

The University's new typesetting system includes a graphics system which virtually eliminates the manual procedures of cutting, waxing and pasting-up for large-scale publishing projects. It is anticipated that the new system will be used to typeset the updated version of *The Canadian Encyclopedia* and for Hurtig's recently announced children's encyclopedia as well.

## Around and About

■ Adolf Buse, professor of economics; Graham Fishburne, associate professor of elementary education; Manfred Prokop, professor of Germanic languages; and David Wangler, professor of educational foundations, are the 1987 recipients of Rutherford Awards for Excellence in Undergraduate Teaching at the University. The awards, which came into being six years ago, have a dual purpose. They highlight the importance of teaching at the University and at the same time recognize individuals who have been judged by their peers and students to be excellent teachers.

■ Ross Wein, currently professor of biology and director of the Fire Science Centre at the University of New Brunswick, has been appointed director of the Boreal Institute for Northern Studies at the University, effective July 1, 1987.

■ When the Edmonton Police Department wanted to improve refresher courses for its officers using computer-based training, William Wosar of the department's training section got together with Michael Szabo of the University's instructional systems group. The program that resulted recently received the first Examplar Project Award to be given by the special interest group in computer-based training, Association for the Development of Computer-Based Instructional Systems. The group's selection committee described the project as both significant and useful, with strong and unique design. The EPD calculates that the program, which it has used since 1983, has saved it more than $300,000 because of improved efficiency.

■ Leonard Ratzlaff, professor of choral music, has been awarded the Julius Herford Dissertation Prize for his dissertation titled "A Conductor's Preparatory Analysis of Anton Bruckner's *Te Deum.*" Dr. Ratzlaff received the the prize at the American Choral Directors Association national convention in San Antonio, Texas in March.

■ About 150,000 Edmontonians have been helped by Student Legal Services since it was founded in 1969. The contribution of the University in the on-going work of SLS was recently recognized in ceremonies organized by the Boyle Street Community Service Co-op, an organization dedicated to helping the city's underprivileged. Student Legal Services, organized to help those people who can't afford a lawyer and do not qualify for legal aid, operates from offices located in the Boyle Street/McCauley area of Edmonton.

■ Among the recent acquisitions of the University Map Collection is a rather unusual addition to the collection. *The Women's Atlas of the United States* consists of eight sections (maps and text) and includes topics such as demographics, education and employment.

■ At the past winter meeting of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers in New York City, the Joseph S. Cuba Memorial Award went to a University of Alberta graduate student. Larry Kostiuk received the award for graduate student work which constitutes "significant research accomplishment in the area of renewable energy sources or energy conservation applied to the fields of heating, refrigeration, air-conditioning or ventilation."

■ During the past few months, the deaths of Douglas Murray Sheppard, 1939-1987, and Arthur R. Jordan, 1907-1986, were mourned at the University. Mr. Jordan was a long-time member of the department of soil science whose work entailed many hours of lab duty as well as the planting of experimental grain plots in various soils. Dr. Sheppard, a professor of physics joined the University in 1966 as a research scientist in the Nuclear Research Centre and was its acting director in 1981-82. He is remembered as a man devoted to teaching and always concerned with his students. (A scholarship fund in his name has been set up and donations may be sent to the University of Alberta / Douglas Sheppard Scholarship Fund / Department of Physics / University of Alberta / Edmonton, Alberta T6G 2J1.)

Feature

*A Diver explores the sea life below Barkley Sound.*

# Bamfield Marine Station: Biology by the Sea

*By Rick Pilger*

By road there are two ways to reach the village of Bamfield, sheltered on the south shore of Barkley Sound on Vancouver Island's west coast. You can turn off the Trans-Canada Highway just north of Duncan and head west past scenic Lake Cowichan, leaving the pavement at Youbou and travelling the remainder of the way by logging roads. After Youbou the distance is better calculated in hours—about two, if it doesn't take you overly long to change a flat tire—than in kilometres or miles. The alternative route, south from Port Alberni, might be slightly better (especially if it's raining) but you spend as much time on logging roads, and if you are coming from the Victoria end of the Island the over-all trip is about an hour longer.

Both routes share the final hour-long stretch of road, and sometime after you decide that this succession of rocks and potholes could not possibly lead anywhere, but before you turn back, you arrive in Bamfield. Not a metropolis of any size, certainly, but the home of more than 200 persons and a village with interesting links to the outside world.

After you have experienced Bamfield—and to most who visit here, particularly those who live in the inland cities, Bamfield is above all an experience of another existence—you realize that by coming overland you have arrived through the back door. It is the sea that Bamfield embraces. A school boat gathers its children and takes them back and forth from the village schoolhouse. Main Street is Bamfield Inlet. Shopping is accomplished by boat, and the traffic has been known to include visitors from a pod of grey whales. On Friday and Saturday evenings the village's pizza parlor is open for business; deliveries are made by boat.

Beyond Bamfield, interrupted only by a few scattered islands, the open Pacific stretches for thousands of kilometres, to the shores of Asia and to the lands down under. It was precisely this circumstance that made Bamfield a strategic point linking the peoples of Australia and New Zealand with the centre of the far-flung British Empire in the pioneering years of modern communications technology. And despite its small size and remoteness, Bamfield continues to have important links to the outside world.

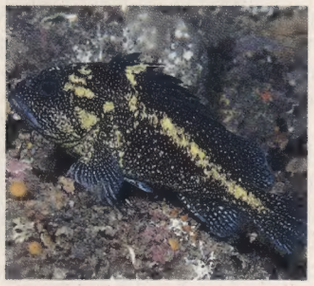
It is, for one thing, the base for a Canadian Coast Guard lifesaving station responsible for rescuing ships and for providing medical support for outlying districts along a major portion of Vancouver Island's west coast. And for the University of Alberta and four other Western Canadian universities Bamfield is an important link with the salt waters that cover more than two-thirds of our planet's surface and with the creatures that make their home where life began.

The Bamfield Marine Station was established in 1972 by the Western Canadian Universities Marine Biological Society (WCUMBS), a consortium of the Universities of British Columbia, Victoria, Simon Fraser, Calgary and Alberta.

Research in a wide variety of marine studies is supported, with particular emphasis given to the biology of the inhabitants of the seashore and shallow waters. Typical studies include invertebrate zoology; comparative endocrinology of primitive vertebrates such as hagfish and ratfish; distribution and resource utilization of marine plants; ecology and population biology of fish; and ecology and feeding behavior of marine birds and animals. In addition to laboratories and aquaria, the station's facilities include res-

*Nudibranch*

*Starfish*



*China Rockfish*

idences, a dining hall and lecture room, a 5,300-volume library, a small museum, and a building for the use of divers. In addition to a fleet of small boats, the station also operates a 12-metre research vessel, the M/V Alta.

The station's 75-hectare site provides about three kilometres of shoreline. The land formerly belonged to the Canadian Telecommunications Corporation, which acquired it in 1902 for the eastern terminus of the Pacific Cable Board's trans-Pacific cable, part of the "All-Red Cable Route" (red being the conventional color of the British Empire on maps of the day). This route, championed by Sir Sanford Fleming, was envisioned as a quick and efficient telegraph network connecting the wide-spread British dominions. Its longest link was between Bamfield and the tiny mid-Pacific atoll of Fanning Island, which were connected by a continuous cable 5,697 kilometres long. From Fanning Island the cable continued on to Fiji, New Zealand and Australia.

At the Bamfield cable station, messages travelling both to and from the south Pacific were received and repeated for transmission along the next legs of their journey. At any one time as many as 50 persons—operators and support staff—were employed at the cable station before it was closed in 1959 (at which time a new cable was extended to a semi-automatic station at Port Alberni). After the Bamfield site was abandoned all of the buildings on the property were torn down except for the large concrete building added below the original cable station in 1926. This building, found to be structurally sound, is now the marine station's main laboratory. It was one of Bamfield's selling points when WCUMBS was searching Canada's west coast for a marine station site in the late 1960s, but it was by no means Bamfield's only attraction.

*Bamfield Cable Station shortly after completion.*

Fu-Shiang Chia, the University of Alberta's dean of graduate studies and research and an internationally respected marine biologist, lists some of the other factors that made Bamfield a "far-sighted" choice for a marine station to serve the western universities: an open coast environment, an extremely rich variety of plant and animal life, the availability of good quality seawater close to shore, and a location not likely to be subjected to the ravages of pollution for long into the future.

Dr. Chia is well acquainted with the Bamfield facility. For a number of years he has been one of the University of Alberta's two representatives on the marine station's management council, and for three years he was president of WCUMBS. And whenever he can —too rarely these days, for his liking—he "gets his hands wet" in the station's laboratory. However, his administrative duties being what they are, for the most part he must be content with a somewhat drier involvement in research, working through his technicians, post- doctoral fellows and graduate students. He currently has three graduate students working full-time at Bamfield; his technicians and post-docs regularly travel back and forth between the laboratories at Edmonton and Bamfield.

While Dr. Chia can recall visits to Bamfield in the days before the marine station was operational—he and his students found accommodation in the community hall or, later, in tents—he didn't arrive at the University until 1969, just at the tail end of the process that led to the selection of the Bamfield site. However, one of the leading spirits in the whole selection and development process was another University of Alberta zoologist, the late Donald Ross, the University's former dean of Science. In fact the report proposing the station's further development and expansion is commonly known as the "Ross Report."

Dr. Chia explains the attraction that the open coast had for the selection team: "The eventual decision to locate at Bamfield rather than on the inside coast of the Island was because there are some marine stations—for example the University of Washington's Friday Harbor Laboratories in the San Juan Archipelago area and the Canadian government station at

Nanaimo—on the inside. They were looking for something different from that, a complement to that, and therefore were looking at the open coast.

"Surprisingly, so many of the animals and plants we find at Bamfield are quite different from those at Nanaimo, says Dr. Chia. The differences, he says, relate largely to the greater forces exerted by the powerful wave and surf action of the open coast and to the differences in seawater salinity—the water at Bamfield being of a greater and much more constant salinity.

Whenever the Bamfield facility is discussed the quality of the seawater and the wide variety and healthiness of the marine life are recurring themes. An added bonus is the fact that the water quality, and therefore the richness of the flora and fauna it sustains, is not likely to be disturbed. This is due to the happy circumstance of Bamfield's location, surrounded by Crown land and adjacent to the protection of Pacific Rim National Park. "Moving around the world, at many, many of the marine stations the flora and fauna is depleted, polluted, and it is very difficult to carry on research," says Dr. Chia. "Bamfield is unique, because it is not likely to be polluted or surrounded by industry. We can do research using the proper water and so many different kinds of animals accessible to us."

In richness of marine animal life, Bamfield takes a back seat to no other location in the world. Not the Caribbean. Not the Great Barrier Reef. Nowhere. Says Dr. Chia: "I have travelled around the world, visited many laboratories, worked at many laboratories, and I don't think there is any place comparable to what we have at Bamfield. You might name the Great Barrier Reef—the diversity of life is impressive—but we have very diverse, very healthy, and very large organisms."

The health of the organisms is closely related to the superb quality of the seawater. A non-circulating system supplies this water to the station's laboratories and outside aquaria. The water is drawn from Bamfield inlet at a depth of 25 metres and is pumped into a large (19,000 litres) storage tank which provides the pressure for a constant flow of water through all the station's outlets. The system itself is rather mundane when compared to the sophisticated arrangements that can be found at other marine stations, but nowhere is the seawater provided to the laboratories and aquaria better for maintaining plant and animal life. In a number of cases organisms that have failed to thrive in other laboratories have survived nicely at Bamfield. Dr. Chia cites one example: the featherstar, a tiny invertebrate that makes its home in the shallow waters of the ocean floor. He became familiar with the featherstar at Friday Harbor. "For years, ever since I was a graduate student, we would dredge up some of this animal. We tried for years and years to bring the eggs together with sperm to fertilize them but were not successful. Then one of my graduate students went to Bamfield, and he was the first one to fertilize the eggs from a featherstar and complete the developmental history. I

*Bamfield is above all an experience of another existence—you realize that by coming overland you have arrived through the back door. It is the sea that Bamfield embraces.*

*A seaplane lands on Bamfield Inlet—which is the town's 'main street.'*

*Sculpin*

*Sea Anemone*

*The undersea photographs accompanying this article were taken by Joel Elliott, '83 BSc, while a graduate student at Bamfield.*

think this has to be attributed, in part, to the quality of water, as well as the quality of the animal. At Bamfield there are so many things we can do that could not be carried out at other places. . ."

Dr. Chia, whose research interest is in the area of invertebrate reproduction and developmental biology, is not the only University of Alberta faculty member to make good use of the Bamfield facility. He is only one of three zoology professors whose full-time scientific interest is marine biology; Andy Spencer, whose specialty is the neurophysiology of jellyfish and other swimming creatures, and Richard Palmer, a population geneticist specializing in marine snails, also rely heavily on Bamfield. Others in the zoology department have related interests that take them to Bamfield at various times throughout the year, and the marine station is also popular with a wide range of other University scientists. Among these are researchers from the Faculty of Medicine, such as immunologist Tom Wegmann, who is exploring the recognition of "self" and "non-self" with reference to the peculiar clustering that takes place in some populations of sea anemones.

It is not only the established scientists and graduate students who benefit from Bamfield. Each summer the station offers six or more total immersion university credit courses. The program includes both general and specialized courses of three or six weeks duration, taught by instructors from the member universities and visiting faculty.

Colleges, secondary schools, elementary schools, naturalist clubs and adult education groups also make extensive use of the station and its facilities during the fall, winter and spring for field trips and short courses. For a number of years now, virtually from Bamfield's establishment, the University of Alberta Faculty of Extension has taken a group to the marine station each Easter. The popularity of the short course is such that each year there is a waiting list, and a number of participants sign up for a second, or even third, time.

Ron Kinney, the head of Extension's science and technology unit, has been the group leader for a number of these visits. "The exquisite scenery, even the long ride there on a big old bus—they never seem to give us a good bus —it all adds to the experience," he says. Once the group reaches the station, it is handed over to the resident course leaders for what is for most participants an abiding experience of the sea and the life it supports. If the weather co-operates and other conditions are right, the field trip will even include jigging for squid, a sea floor dredge aboard the research vessel M/V Alta, a tour of the area by barge, a walk along the West Coast Trail, and observation of sea birds, eagles and sea lions. Evenings are spent in the laboratories for what Professor Kinney describes as "exquisite demonstrations and hands-on experiences." While the immediate focus of the course might best be described as the intertidal marine biology which is the station's specialty, according to Professor Kinney there is a wider purpose to the trips: "to emphasize, or at least introduce, marine culture per se to people who live on the Prairies."

Dr. Chia also speaks about the importance of exposure to the sea for prairie dwellers. "Seventy per cent of the Earth is covered by ocean. If you look from the standpoint of zoology, the majority of the different kind of creatures live in the ocean. We divide the animal kingdom into so many phyla—say maybe 30 phyla—of these maybe half are found nowhere else except in the ocean. If you want to study these creatures you have to go to the ocean.

"Many people ask us 'Why is Alberta, a Prairie university, interested in marine studies?' My answer is that because we are a Prairie university we must be. We must educate our students to that fantastic system, otherwise we deprive them of exposure to a very large quantity of knowledge."■

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## Lucien Larre, '65 BEd

Father Lucien Larre, has won yet another award.

In a ceremony held in Regina in January, Father Larre was presented the Therese Casgrain Award, which recognizes Canadians whose avant-garde spirit, social commitment and

*Award-winner Larre*

persistent endeavors have contributed significantly to the advancement of a social cause and the well being of their fellow citizens. Two of these awards are given each year in memory of the late Senator Therese Casgrain, an advocate of civil rights and freedoms who died in 1981. (The other 1987 recipient is Dr. Norah Browne of Newfoundland.)

Father Larre has spent his life working with emotionally disturbed children and is a founder of Bosco Homes for teenagers with serious emotional, drug and delinquency problems. Located in Regina, Saskatchewan, Bosco Homes comprises a special school, a treatment centre and seven group homes.

A native of St. Walburg, Saskatchewan who took his seminary training in North Battleford, Father Larre holds a number of degrees from the University of Ottawa—BA, BEd, MA, and MEd—as well as his undergraduate education degree specializing in teaching methods from Alberta. He is one of Canada's most popular speakers, having had almost 300 speaking engagements in the past year. His favorite topic is love.

Father Larre was selected Saskatchewan's Citizen of the Year in 1978. Other honors he has received include: the Larry Schneider Toastmaster Award (1981), the Good Servant Award (1981), the William Kurelek Pro Life Award (1982), the Order of Canada (1983),and the Lifestyle Award Medal (1985).

## Joy Finlay, '74 Dip(Ed), '78 MEd

It is late April and the woodland surrounding the Finlay home east of Edmonton is responding to the change in seasons. Glad to be home, Joy Finlay pauses to point out the delicate flowers on a hazel bush, blossoms so subtle and of such fleeting life that they can easily go unnoticed.

For the previous two weeks, Mrs. Finlay had been travelling. She had been to both of Canada's coasts. On Vancouver Island, she had spoken to the Federation of B.C. Naturalists; in Prince Edward Island she had addressed a nature and tourism convention. In both places she had been promoting Wildlife '87, adding to the momentum which is the theme of the national celebration of the centennial of the creation of the first wildlife sanctuary in North America—at Last Mountain Lake, Saskatchewan on June 8, 1887.

For the past two years, Mrs. Finlay has put her career as a professional development consultant with the Edmonton Public School Board on hold and devoted her time and considerable energy to Wildlife '87 as the chairperson of the celebration's national committee. She could make her commitment sound noble and selfless, but she refuses to: "I was simply the sucker that got caught," she says, not bemoaning or bewailing that circumstance, but matter-of-factly and with only the hint of a smile. She was, after all, hooked only partly by outside agencies; it was principally her own dedication to nature conservation that ensnared her. That and her firm belief that "if there's a job to be done, let's go ahead and do it."

The job of suitably commemorating the centennial of the creation of Canada's (and the Western Hemisphere's) first wildlife sanctuary was first identified some years ago, but the early initiatives were soon mired in the morass of serious budget cuts to government wildlife agencies and inter-agency bickering.

"That's when we picked it up," says Mrs. Finlay. She and her husband Cam, the naturalist at Edmonton's John Janzen Nature Centre (and a '68 MSc graduate of the U of A), approached the Canadian Nature Federation, proposing that there be a non-governmental thrust to the centennial celebrations. The Federation greeted the proposal they made with "overwhelming enthusiasm and support," recalls Mrs. Finlay, and it agreed to spearhead the project.

The Canadian Nature Federation brought forward a proposal to the federal department of the environment basically calling for three things: first, that 1987 be designated as a year of wildlife conservation in Canada; second, that a concentrated effort be made by government and non-government entities to mark the centennial not only with celebrations of the past but with gains for the future; and three, that some base funding be provided to support a national co-ordinator responsible for getting other groups involved.

In July 1986 Environment Minister Tom McMillan announced the special designation for 1987, and government agencies, non-government groups and individuals have all helped give momentum to Wildlife '87 celebrations—which will be highlighted by a ceremony, in which Prince Philip will take part, at Last Lake Mountain Lake. But the money to pay a national co-ordinator never did

*Joy Finlay is welcomed home by a four-legged friend.*

materialize.

"That's where I enter in, giving it all I've got," says Mrs. Finlay, who took leave without pay from her job to do the work that had to be done. She describes Wildlife '87 as "people-driven" and while a number of individuals from across Canada have contributed greatly to making the year a success, no one has "driven" harder than Joy Finlay. Her coast to coast travel is an example, but not really typical unless you consider how it was accomplished: on a shoestring and by some scrambling. She had a paid trip to Ottawa; by timing it right and with a subsidy out of her own pocket she was able to extend that trip to P.E.I.; the airline bonus points she earned gave her a total sufficient to make the trip to B.C. possible.

While she has spent some time travelling, most of her work has been done in her own home in the Whitecroft subdivision in rural Strathcona County. There she has planned and co-ordinated, run up phone bills, written countless letters, prepared newsletters, arranged for promotional materials, and in numerous other ways kept the Wildlife '87 "snowball" rolling in order that it might gain its own momentum. ("Gaining Momentum" is the Wildlife '87 theme, recognizing the impetus of the past and extending it into the future.)

"I believe so strongly that we must have a positive and constructive approach to the whole environment," she says, and the emphasis is definitely on the "positive." She deplores the fact that so often groups that have so many common objectives get hung up on their differences, and she believes that much of the success of Wildlife '87 can be attributed to the fact that it wasn't embodied as an organization but was maintained as a theme to which very diverse groups could contribute. And very diverse groups have, from hunting organizations and chambers of commerce to municipal councils and wilderness conservation groups.

For Joy Finlay, nature conservation is "a way of life." As a child growing up in rural Manitoba, as a student in the natural sciences at Brandon College, as a park naturalist at Elk Island National Park, and as an educator and educational consultant specializing in the natural environment, she has remained captivated by the infinite wonders of nature. She points to a number of people associated with the University of Alberta who opened her eyes to some of those wonders: Bill Fuller, whose interest in winter was inspiration for her book *Winter Here and Now*; David Boake, who impressed her with the "severity" with which he approached ecology to show the inter-relatedness of things; and Cy Hampson, whose determination was a key to his commitment to the study of birds. She also mentions Bill Carlyle and the late Alton MacGregor, whose very focussed commitment to their respective interests in the natural sciences she found most impressive.

These and others influenced her. But while she can trace her interest in conservation to many individuals and life experiences, she prefers to give it a simpler perspective: "When I was a kid, I had a tree to climb," she says.

## Jo-Ann Prowse '71 BA

Naturally it was a thrill for Jo-Ann Prowse, when she was named a judge of the B.C. County Court in Vancouver recently. What made the occasion even more special was that she was joining her father on the bench—**Cliff Prowse**, '47 BComm, '50 LLB, serves on the Alberta Court of Queen's Bench in Calgary.

*Judge Jo-Anne Prowse and dad.*

In fact, the new B.C. County Court judge is part of an unusually extensive family legal tradition. Both her grandfathers—the senior J. Harper Prowse and **Gladstone Abner Virtue**, '14 LLB—practiced law in Alberta, and four uncles—the late **J. Harper Prowse**, '38 BA, '55 LLB; **Hubert Prowse**, '48 BComm, '51 LLB; **John Cameron Prowse**, '52 BA, '55 LLB; and **Charles Virtue**, '50 LLB—also followed the calling of the law.

Lawyers are also well represented in Jo-Ann's generation. They include two brothers—**John Torrance Prowse**, '72 BA, '73 LLB and Cliff Prowse of Vancouver—a sister-in-law—Janet Prowse of Vancouver—and several cousins—including **John Cameron Prowse**, '73 BA, '77 LLB and **Sharron Prowse**, '73 LLB.

And Jo-Ann's husband? He's a lawyer, too—Gerald Green, who practices in North Vancouver.


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# Of Intelligence Tests and a Magic Bullet

On March 18, the University community celebrated the research accomplishments of two of its own at the sixth annual Research Prize Awards Night.

The featured speakers at the ceremonies held in the Students' Union Building Theatre were the 1987 Research Prize Laureates themselves, Erwin Diener and Jagannath P. Das.

Dr. Das, professor of educational psychology and director of the Developmental Disabilities Centre at the University, was the first to speak. With his customary modesty, he attributed much of his success to that least scientific of elements, good luck, and traced the beneficent hand of Fortune throughout his life and career.

Born in British India, he survived infancy (a statistical near miracle in itself). This son of a postal clerk then managed to earn a master's degree in a country where only three people in 10 could read. An Indian government fellowship took him to London in the 1950s and studies under Hans Eysenck, pioneer investigator of the links between personality and intelligence.

More luck: in London he met Soviet psychologist Aleksander Luria, visiting the West for the first time in 25 years. (Luck did not desert Das. In 1976 he was to meet Luria again, this time in Moscow on a Canada-U.S.S.R exchange program. Luria died just 18 months later and the program itself was cancelled after the Soviet invasion of Afghanistan.)

**Finding the Real IQ**

After thanking the University for the "long rope" he had been given, the Research Prize laureate went on to speak about his work in the field of intelligence, work which leans heavily upon Luria's clinical studies.

*Psychologist J.P. Das and Immunologist Erwin Diener (below) are the 1987 Research Prize laureates.*

He had earlier described this work in an interview published at the time his Research Prize had been announced. In the interview he had talked about developing a whole series of tests that will give a new look to the old intelligence test.

"The IQ test used now doesn't show the full potential of the brain," said Dr. Das, pointing out that the brain has three areas.

"There's the front, which handles decision making, and the stem which handles activity control and concentration. The back deals with coding and analysis, which are the processes that current IQ tests measure.

"We need to develop three broad ranges of tasks to measure the three broad ranges of mental function—and be aware while we're doing this that the brain functions as a whole," he said. "This is a contemporary direction. It's neuropsychology, a new and modern branch of science, and our tests take off from its ideas."

For more than 15 years, Dr. Das has been developing such tests and trying them out in a research environment. He expects to have them completed in the form of "a standardized battery of tasks" by the end of 1989.

**The Magic Bullet**

Dr. Diener, professor and chairman of the University's department of immunology, began his lecture with a description of his "first experiment in pursuit of objective knowledge."

Each day on his way to school in pre-war Lucerne, he walked along one of those famous Swiss covered bridges, decorated with morally-uplifting paintings. One image in particular fascinated him: the Devil swooping a heretic off to eternal damnation.

But did the Devil really exist, as some of his schoolmates said? One day, the 10-year-old Diener approached the painted Devil. First he thought a blasphemous thought. Next he whispered it. Then spoke it. Finally he shouted it aloud.

"All I was able to evoke," the 1987 Research Prize laureate told his audience, "were some startled glances from passers-by." He went on to acknowledge the debt he feels to his parents, freethinkers who shielded him from the "doctrinal influences of religion."

Dr. Diener and his team of immunologists have designed an immunotoxin that may well be the "magic bullet" that medical science has been waiting for to stop particular aspects of the immune system from turning on. It will soon undergo clinical tests at bone marrow transplant centres in France.

"The immunotoxin has worked well in mice," said the immunologist in an interview. "It should work well in humans, but you can never be quite sure. Only a human is like a human."

He said that his magic bullet "certainly has clinical potential," explaining that it can be targeted specifically to kill only one kind of a cell, or a particular sub-group of cells, and can prevent the immune system from rejecting a newly transplanted organ or a skin graft from another donor. It can also be used to attack a tumor, or be employed in diseases where the immune system has turned against "self" and is destroying the body it should be protecting.

The bullet has three parts. At the front is a homing device or "address- seeking" end, designed to seek out the cells to be destroyed. At the back is an antibiotic end that will destroy the cells being sought. In-between, linking the two, is an acid sensitive molecule—a spacer.

The bullet is designed to home in on the cell to which it is addressed and then penetrate the cell wall. Inside the acidic environment of the cell, the spacer will dissolve, activating the antibiotic and destroying the cell. (The bullet destroys only those cells for which it is targeted—if it finds none, it is harmless.)

Dr. Diener, who has an international reputation as an immunologist, is a fellow of the Royal Society of Canada—an award made in recognition of his many years of important and innovative work on immunity mechanisms.

*Portions of the preceding were adapted from reports appearing in* Folio *and* Research Report *which originate in the University's Office of Public Affairs.*

# Jane Ash Poitras, '77 BSc, '83 BFA

Sky People's Village
*Oil on Canvas/ 122 X 137 cm*

Untitled
*Oil on Canvas/34 X 25 cm*

Jane Ash Poitras is a Cree Indian from Fort McMurray, Alberta who grew up in Edmonton. In 1984 she won the $5,000 first-place scholarship offered in *Nistum*, the Alberta Indian Arts and Crafts Society's first annual competition of emerging Alberta Native artists.

Ms. Poitras used the *Nistum* scholarship to complete an MFA degree at the Columbia University School of Painting and Sculpture in New York. She has exhibited in Japan, Brazil, Spain, South Korea and across the United States. Her works have been purchased by such prestigious public collections as the Brooklyn Museum, the Canada Council, Yale University, Columbia University, the Indian Art Centre in Ottawa, Alberta Culture, and the University of Alberta.

In many of Ms. Poitras's works, symbols from her Cree heritage are interspersed in the images. Her *Sky People's Village* series of oils is based on the Native people who inhabit the spirit world. The paintings reflect a renaissance utopia where the Indians' land is rebuilt the way she visualizes they would want it to be.

Ms. Poitras is represented by the Vik Gallery in Edmonton.

# Into the Shadow of the Himalayas

*Helping the Chinese to preserve their natural heritage.*

For the three Canadians, two of them professors at the University of Alberta, it was an experience never to be forgotten. For six days their caravan had made its way from Urumqi, capital of the remote Xinjiang Autonomous Region of the People's Republic of China. Roads had given way to paths, paths to camel trails, and finally there had been no trails at all. They had travelled through the mid-July heat of one of the world's great deserts, the Takla Makan, at elevations well below sea level and then rapidly ascended more than 3,000 metres into the shadow of the Himalayas to become the first western scientists in modern times to visit the elevated grasslands of the Arjin Mountains Nature Reserve.

Here in a remote corner of the world's most populous nation lie vast tracts of land as yet remarkably untouched by the activities of humans and containing wild animal life in concentrations greater than can be found in all but a very few locations on the face of the earth. In the report that they prepared on their return, the Canadians describe this land as "an extremely valuable, incomparable area which should be recognized as of major importance among protected areas worldwide." They recommend that it be nominated as a World Biosphere Reserve.

Jim Butler, the University of Alberta professor of forest science, who led the Arjin Mountains expedition in the summer of 1986, is no stranger to exotic lands. As a specialist in protected area management he has been to Kenya to look at that nation's national parks, to Sumatra to advise on the management of the orangutan, to the Komodo Islands to assist in the protection of the Komodo dragon, and to the Caribbean to help establish Montserrat National Park. But even he found his visit to the Arjin Mountains reserve on the very edge of the Tibetan Plateau to be something special. He describes it as "a great life experience" and recalls a strong sense of isolation

*A herd of wild donkeys moves across the Arjin Mountain grassland.*

combined with "a very powerful adventurous sense of exploration, knowing that we were among the first scientists to visit this place, isolated by huge mountain ranges on one side and remote deserts for hundreds of miles on other sides." Senses were sharpened by the knowledge that "many of the plants and flowers that you were looking at and some of the insects you were seeing were indeed new to science and totally undescribed."

With Dr. Butler were Peter Achuff, an adjunct professor of forest science at the University of Alberta, and James Johnson of Winnipeg, Parks Canada's head of national parks planning for the Prairie provinces and the Yukon and Northwest Territories, and a delegation of Chinese. The Canadians were in the People's Republic at the invitation of the Chinese Environmental Protection Agency and under the auspices of the International Union for Conservation of Nature and Natural Resources (IUCN) and of the World Wildlife Fund. The report they prepared was rushed to China in the fall of 1986, just in time for distribution by Prince Philip as a tangible example of the

on-going work the world wildlife community was doing in China. The Prince, who serves as the honorary president of the World Wildlife Fund, was at that time convening negotiations with the Chinese to establish the nature of the assistance that the world conservation community could provide to help the Chinese preserve their natural heritage.

That the University of Alberta should figure so prominently in all of this is not surprising, suggests Dr. Butler. "We are located not only in the presence of a tremendous number of national parks, but the University of Alberta is also one of the few schools in Canada that deals with the full range of protected area management issues. We have wildlife management studies in zoology, in animal science and in forest science. We have programs in park management and park planning in both forest science and the department of leisure studies in the Faculty of Physical Education and Recreation, and we have nature interpretation and environmental interpretation, which is a shared program in forest science and leisure studies. We have outdoor recreation in these two departments as well; so we have everything that people look at in protected area management." As a result the University of Alberta has been a recognized leader in this area, he says. He also makes reference to the importance of the University's International Development Fund, which has helped finance a number of the projects in which he has been involved.

The world conservation community is not unaware of the expertise to be found at the University of Alberta (in fact, James Thorsell, the executive officer of the IUCN's Commission on National Parks and Protected Areas, was Dr. Butler's predecessor in the University's forest science department) and after China put forward a request for advisory assistance at a 1984 joint meeting with the World Wildlife Fund, the project was eventually discussed with Dr. Butler. He was then asked to organize the Arjin Mountains expedition on behalf of Canada, the IUCN and the World Wildlife Fund.

In recent years the movement to conserve natural environments has rapidly gained momentum in China and there are now 270 reserves equivalent to our national parks in the People's Republic. The Arjin Mountains Nature Reserve is the largest and, encompassing about 45,000 square kilometres, it is also one of the largest in the world—even larger than Wood Buffalo National Park in northern Canada. The reserve was first proposed as a conservation zone in 1979, and the first reconnaissance investigations occurred in 1982 and 1983. The Chinese scientists who made these preliminary

*Here in a remote corner of the world's most populous nation lie vast tracts of land as yet remarkably untouched by the activities of humans and containing wild animal life in concentrations greater than can be found in all but a very few locations on the face of the earth.*

*Consulting the map: (Far Left) Dr. Achuff and expedition members check their location. (Left) Dr. Butler traces the reserve boundaries at a briefing session.*

*'China is very anxious, I think, to take a world role in its obligations to the environment and protected area management, but they need a lot of training—they have been very isolated from the paths that the rest of the world have covered.'*

*The Arjin Reserve is home to these youngsters, the children of a reserve warden.*

investigations found animals in greater concentrations than anyone had suspected were still there—some of the larger species studied were Tibetan wild donkeys, wild yak, brown bears, Tibetan antelope, lynx, and even the snow leopard. They also found plants and insects previously unknown to science.

The Canadians confirmed the large numbers of animals, but found them threatened. "They are indeed in jeopardy," says Dr. Butler. "China has been expanding more and more into the frontier areas and introducing sheep to these regions." At present, part of the Arjin Mountains reserve is an absolute conservation zone; the remainder, a relative conservation zone. In the latter, sheep were introduced about five years ago. "The impact is already evident," says Dr. Butler. The impact can be seen not only upon the grazing species but also upon some of the bird life. "The rare black neck cranes that used to nest in one particular area no longer nest there," says Dr. Butler. "They have left because of the sheep and the herdsmen and activity such as that."

While Dr. Butler and his Canadian colleagues do not suggest that domestic animals be removed from the reserve entirely, they do advise a well-thought-out management plan, supplemented by a study of the impact of human activity in the relative conservation zone and an education program for herdsmen. This fits in with their primary recommendation that the Arjin Mountains Reserve be declared a World Biosphere Reserve—a special designation that preserves some of the major ecosystems of the world under an international convention known as the "Man and the Biosphere" program. Biosphere Reserves are different from ordinary protected areas in that they comprise a core protected area, which is surrounded by a zone of wise resource utilization. "The protected area becomes the metre stick that you check against and go back to," explains Dr. Butler.

The Chinese have responded positively to the Canadians' recommendations. "China is very anxious, I think, to take a world role in its obligations to the environment and protected area management, but they need a lot of training—they have been very isolated from the paths that the rest of the world have covered," says Dr. Butler. Because of this isolation, another recommendation made in the report prepared by Dr. Butler and his colleagues is that an exchange visit be made to North America by officials from the Chinese Environmental Protection Agency to observe parks and protected area operations on this continent. "Such a visit would be an appropriate next step after our 1986 visit," say the Canadians in the report.

That exchange has now been scheduled for the summer of 1988 and the University of Alberta department of forest science has agreed to act as the hosts. Current plans call for one of the Canadians to return to China either this summer or fall to begin arrangements for this visit and to discuss plans for implementation of other of the arrangements arising from the Arjin Mountains report.

"Here in Canada," says Dr. Butler, "we have been managing national parks for over 100 years, and we have acquired a lot of experience." And, he adds, we have been very willing to share that experience. "Canada has been very generous about its contribution of time and money to developing parks in the rest of the world, and the University of Alberta has been right in the forefront of many of these activities."■

## President Elected

Barbara Kozoriz, '58 BSc(HEc), was elected president of the University of Alberta Alumni Association at the Association's 1987 annual general meeting.

The meeting, held on campus on May 9, 1987, was the Association's 48th annual general meeting. It was attended by the Association's faculty representatives, Senate and Board of Governors representatives, executive committee members, branch presidents, and by staff of the Office of Alumni Affairs.

The new president first joined the Alumni Council in 1985 as the Home Economics representative and last year served as second vice-president of the Council. She has been very active in Council affairs having been the chair of its homecoming committee for the past two years, and also having sat on the Alma Mater Fund allocations committee and the scholarship and awards committee. Mrs. Kozoriz is currently the director of dietetics at the Royal Alexandra Hospitals in Edmonton. She will serve for a one-year term.

Also elected to one-year executive positions at the annual meeting were Garry West, '75 BSc(Pharm), first vice-president; Mary Lou Neufeld, '65 BSc(Nu), second vice-president; and Reg MacDonald, '77 BSc, '80 BA, '83 LLB, treasurer. Ken Christensen, '76 BSc(Eng), '79 MBA was ratified as the past president.

*Association President Kozoriz*

Other elections saw Robert Edgar, '55 BSc(Pharm), selected as the alumni representative to the Board of Governors and Cyril McAndrews, '50 BSc(Ag), and Walter Goos, '56 BEd, '75 MEd, chosen as the alumni representatives to the Senate. They will serve three-year terms.

## Library Science Alumni Association

**Annual General Meeting**

Sunday, June 14
**4:30 p.m.**

Hotel Vancouver
*Garibaldi Room*

General Alumni Reception will follow.

## Branch Activity Takes Place in U.S.

University of Alberta alumni living in the U.S.A. recently took part in alumni activities held in four centres.

The New York Branch held its annual reception on April 23 at the Government of Alberta office in New York City. Forty alumni attended the function, at which Peter Meekison, the University's vice-president (academic), discussed the latest developments at their alma mater.

Other U of A graduates took part in events open to graduates of all Canadian universities. In San Francisco, 15 alumni of the University of Alberta gathered at the Sheraton Plaza Hotel with other Canadian graduates on April 2. On April 24, the All-Canada Universities Alumni Night was held in Chicago, and of the 129 alumni present, nine were from the University of Alberta. The guest speaker in Chicago was David Smith, principal and vice-chancellor of Queen's University, which acted as this year's host for the event.

On April 27, it was the University of Alberta's turn to host the All-Canadian Universities event held annually in the Maryland, Virginia and Washington D.C. area. Dr. Meekison was the featured speaker for this event also; this time his topic related to the current free trade debate. Of the 190 people who gathered at the Naval Medical Command in Bethesda, Maryland for the function, well over 40 were in the University of Alberta contingent.

## Western Canadian Branch Events Held

Alumni gathered in Vancouver, Victoria and Calgary recently for fellowship, a little bit of branch business and the opportunity to learn of happenings at their alma mater.

The annual general meetings of the Vancouver and Victoria Alumni Branches were held on April 5 and 12, 1987, respectively.

The Vancouver branch once again had the beautiful Royal Vancouver Yacht Club as the setting for its Spring Brunch and annual meeting. More than 140 alumni attended the event, with more than 50 disappointed alumni being turned away owing to a lack of space. Associate Chief Justice Tevie Miller, chancellor of the University of Alberta, was the guest speaker at the event, and the second term of Dorothy Weijer-Tolmie, '61 MSc, as branch president was officially renewed during the meeting.

The Princess Mary Restaurant Vessel was the site of the Victoria meeting as the branch held its first-ever brunch. Dr. Gordin Kaplan, vice-president (research) at the University was the guest speaker, and his discussion and slide presentation on the diversification of research activities at the University was appreciated by all 125 alumni in attendance (a new record for the branch's annual meeting). During the meeting a new executive was elected and Alison Burns, '80 BSc(MLS) was chosen as president to succeed Sid Dineen, '41 BA, '59 BEd. Mr. Dineen ended his two-year presidency with Victoria being named the best all-round branch in 1985-86 and tying for the honor (with Vancouver) in 1986-87.

*Now retired as president after 17 years of service to the Victoria Branch, Sid Dineen (right) poses with Mrs. Dineen and B.C.'s Lieutenant-Governor Robert Rogers at the branch's pre-Christmas function at Government House.*

The Calgary Branch held its annual buffet and

The University of Alberta Library requires

# Volunteers for the Library

*To reduce the impact of the current severe budget restrictions, the University of Alberta Library is seeking volunteers willing to assist in the preservation of the library collections that are central to the University's existence.*

*Volunteers are required for the following:*

### Volunteer Fund Raiser

Responsible for developing and implementing a fund-raising strategy in co-operation with the University Development Office. Office and secretarial support will be provided and relevant expenses paid.

### Collections Support Volunteers

After a training period, these volunteers will assist in the maintenance and preservation of the collection to reduce its current deterioration.

*Persons willing to donate their time and expertise in the above areas are asked to contact:*

**Office of the Chief Librarian**
**Room 502, Cameron Library**
**University of Alberta**
**432-3790**

# 1987 Class Reunions

*The Alumni Association is happy to assist individual classes in organizing special events during Homecoming (September 25-27, 1987) or reunions at times other than Homecoming. The following classes are currently planning reunions for the coming year:*

CLASS/PLACE/DATE/CONTACT

**'37 Medicine** *Calgary/September 17/Dr M Olav Rostrup*
**'47 Home Economics** *Edmonton/September 25-27/Lorna Connolly*
**'45,'46,'47 Commerce** *Edmonton/September 25-27/R I Milner*
**'52 Civil Eng** *Edmonton/September 25-27/A W Peterson*
**'57 (Sept) UAH Nursing** *Edmonton/ September 25-27/M Carmicheal*
**'62 Agriculture** *Edmonton/September 25-27/Dr Robert Church*
**'62 Dentistry** *Banff/June 29-30/Dr Ken Glover*
**'62 Home Economics** *Edmonton/September 25-27/Ferne Putnam*
**'62 Law** *Edmonton/September 25-27/Harold Veale*
**'62 Mechanical Eng** *Edmonton/September 25-27/Wally Germaniuk*
**'62 Physical Education** *Edmonton/September 25-27/J Hancheruk*
**'62 (Sept) UAH Nursing** *Calgary/September 18-20/J Mellanby*
**'62 Medicine** *Calgary/September 17/Dr J McCaffery*
**'62 Students' Council** *Edmonton/September 25-27/P Hyndman*
**'62 Pharmacy** *Jasper/May 29/John Dudar*
**'67 Agriculture** *Edmonton/July 3-5/Lawrence Roth*
**'67 Medicine** *Jasper/July 3-5/Dr. Ian Laing*
**'72 (Sept) UAH Nursing** *Edmonton/July 24-26/F Stark & E Rudd*
**'72 Physiotherapy** *Edmonton/Summer '87/Wendy Brook*
**'77 Forestry** *Dunvegan/August 1-3/Ted Hasselfield*
**'77 Speech Therapy** *Edmonton/May 30-31/Bonnie Chappell*
**'77 Civil Eng** *Banff/May 29-30/Neil Ferguson*
**'77 Mineral Eng** *Edmonton/September 25-27/Bernie Goruk*
**'77 Electrical Eng** *Edmonton/September 25-27/Jim Mahannah*
**'77 Medicine** *Fairmont/June 19-21/Dr Irene Colliton*
**'82 BSc Nursing** *Edmonton/May 29-31/Lise Ann Joly*

*Some locations and dates are tentative. Should you require information on the reunions noted, or if you wish to organize a reunion for a class not listed, please contact the Office of Alumni Affairs.*

**Call for Nominations**

# Alumni Golden Jubilee Award

Selection of the 1987 winner of the Alumni Golden Jubilee Award, the Alumni Association's most prestigious award, will take place in July.

This award was initiated in 1958 to honor individuals who have brought recognition to the University of Alberta. Any individual who has distinguished herself or himself through personal or professional accomplishment and has contributed directly or indirectly to the welfare of the University of Alberta may be nominated. The individual need not be a graduate of the University.

All nominations must be made in writing and be accompanied by statements in support of the nomination. All nominations must be received by the Association by June 30, 1987.

Please forward all nominations to:

**Chair, Scholarship & Awards Committee**
**Alumni Association**
**430 Athabasca Hall**
**University of Alberta**
**Edmonton, Alberta T6G 2E8**

# Alumni Volunteers

The Alumni Association requires volunteer assistance in a variety of areas. These include:

**Career and Placement Services**
Volunteers with expertise in personnel administration and recruitment are required to assist student placement consultants involved in the promotion of job search skills among their fellow students. As well, the Career and Placement Services office requires volunteers in a variety of related areas.

**Campus Tour Guides**
Alumni willing to volunteer their time to train and serve as campus tour guides are being sought. After training the guides will introduce (or re-introduce) the campus to guests visiting campus on a variety of occasions.

**Alumni Records**
Volunteer "detectives" are required to assist in the important task of locating "lost alumni"—graduates for whom the Association no longer has valid addresses.

Graduates interested in helping in any of the above areas are asked to contact:

***Susan Peirce***
***Director of Alumni Affairs***
***432-3224***

75 Years and Beyond:

# Impact on Society

## A Celebration of Engineering Education at the University of Alberta

October 7 and 8, 1988
University of Alberta Campus

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Do not miss this once-in-a-lifetime event!

For further details:
Dean F. Otto / 5-1 Mechanical Engineering Building / University of Alberta / Edmonton T6G 2G7 / Telephone: 432-3320

meeting on April 27. Associate Chief Justice Tevie Miller was the guest speaker for the events, which were held at the Calgary Golf & Country Club. More than 80 alumni were in attendance to hear the chancellor reminisce about his student days and learn of the latest research developments occuring at the University.

## Dance Club Celebrates Anniversary

It isn't only academic classes who organize reunions with the help of the Alumni Office staff. This year marked the 30th anniversary of the University's largest student club, the U of A Dance Club, and 550 ballroom dancers gathered together on the weekend of March 14, 1987 for dining, reminiscing and—of course—dancing.

Those in attendance, club members past and present, were entertained by speeches from the original club instructor, the club's first and current presidents, the president who brought the club through the mid-'70s when campus political activity was high and interest in ballroom dancing low, and a Students' Union representative who described what it is like to oversee a club whose annual membership exceeds 1,000.

It is estimated that over the club's 30 years of operation more than 20,000 students have received ballroom dance instruction at the University.

For the reunion, several determined people were able to compile a very nearly complete listing of dance instructors, club executive, dance competition winners, and so on. A written history was also prepared and an archives established with photographs and memorabilia. An annual newsletter for alumni is planned, and it is hoped that future reunions will be staged at five-year intervals.

Dance club alumni who were missed by the organizers or know the whereabouts of other alumni who were are asked to contact the U of A Dance Club at 432-2116 or write to Box 77, SUB, University of Alberta, Edmonton T6G 2E0.

## DAA Event Planned

The annual convention of the Alberta Dental Association, which takes place June 29 to July 1 in Banff, will be the scene of some memorable events for dental alumni.

The Dental Alumni Association of the University of Alberta will be hosting its annual dinner in conjunction with the President's Ball, scheduled for June 30. At the dinner, members of the classes of '37 and '62 will reunite and be specially recognized by the Association.

At the dinner, the DAA will also present its Outstanding Achievement Award of 1987, which will go to Gilbert E Utas. Dr. Utas, who makes his home in Grande Prairie, Alberta, is a former president of the Canadian Dental Association and has served his profession in a variety of other executive capacities. He is a fellow of the International College of Dentists.


**BURGUNDY**
CRUISE · SWISS RIVIERA · SWISS ALPS

**August 22–September 3, 1987**

Discovering Burgundy and Beaujolais is like reading a wine list from a fine restaurant . . . Meursault, Montrachet, Pouilly-Fuisse, Chambertin and more. Begin with a relaxing six-night cruise aboard the M.V. ARLENE (all cabins are *outside*) for her premier season on the picturesque Saone River. Following the cruise you'll motor to Switzerland, spending two nights in LAUSANNE and three nights in LUCERNE, with accommodations at the world-famous PALACE HOTEL in each city.

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# Recollections of CKUA

*CKUA Radio towers outside Pembina Hall, 1927.*

It is now just 60 years since CKUA, the radio station of the University of Alberta, first went on the air. Twenty years ago Joe McCallum's *CKUA and 40 Wondrous Years of Radio* provided a delightful story of the early days of radio and CKUA's role as one of the earliest educational radio stations. Over the years the reminiscences of various people about happenings associated with CKUA have appeared in *The Trail* and the *New Trail* (for example, "The Coming of Sound," by H.P. Brown in the Summer 1952 edition of *New Trail* ). As its first control operator (and the last living member of the original staff) it seems timely for me to set down some of my own reminiscences of those early days, and of the pioneering venture that was CKUA.

CKUA started in 1927 on an extremely limited budget but with lots of energy and enthusiasm on the part of the studio and station staff. Harold ("H.P.B.") Brown, the announcer and studio manager, was a genius at building-up and operating the station on a shoe-string budget. With a minimum expenditure of hard-to-get funds, but with a generous contribution of talent from University faculty and well-known Edmonton musicians, the station was able to produce some remarkably high-quality broadcasts that filled a real need in providing educational programs for the people of the province. The list of Edmonton musicians and University of Alberta faculty who contributed their talents and expertise to CKUA would surely read like a *Who's Who* of that day. It is my intent to recount a few anecdotes relating to some of the programs and participants of those early days.

**William Rowan and the Yellow-tailed Crows**

One of the most popular lecturers on CKUA was Dr. William Rowan, professor of zoology at the University of Alberta. Whereas most University research is carried on in laboratories or professors' offices away from the view of the general public, Professor Rowan's experiments dealing with bird migration were different. During the fall and winter of one year in the early 1930's people crossing the North Saskatchewan River via the High Level bridge were treated to a spectacle that was certain to arouse curiosity. Below them on the south bank of the river were two very large chicken wire enclosures each containing a hundred crows. In one enclosure the crows were subjected to the normally decreasing hours of daylight as fall changed to winter; whereas in the other enclosure a system of artificial illumination subjected the crowns to increasing hours of "daylight" as winter came on. The object of the experiment was to verify or disprove the theory that seasonal migration north or south was determined by increasing or decreasing hours of daylight, rather than by increasing or decreasing temperatures.

The plan was to release all the birds in early winter and find out whether they flew north or south. The crows were suitably tagged and hunters were requested to return the tags to the University (with the promise of prizes for the lucky numbers). There remained one problem: among the hundreds of thousands (millions?) of crows in central Alberta, how to spot the prize crows? This problem was solved by having Trudeau's Cleaning and Dye Works dye the tails of the experimental crows a bright yellow! With these ingenious preparations a satisfactory return was achieved, and it proved possible to affirm the correctness of the theory—the crows subjected to lengthening hours of "daylight" flew north while the others flew south. With this flair for the spectacular it is little wonder that Professor Rowan's CKUA lectures attracted a wide audience.

**Vernon Barford and the Gramaphone Needle**

A frequent contributor to CKUA's musical program was Vernon Barford, well-known Edmonton choir director. On one occasion when he came back into the control room to listen with me on the earphones to determine the optimum microphone placement he asked me to try to explain to him how the sound produced in the studio was transmitted and reproduced in the home. So this very young control operator undertook to explain "radio": how the sound waves impinging upon the microphone produced a

varying compression of the carbon granules in the microphone, which in turn caused a varying resistance, so changing the microphone current, and how this varying microphone current was amplified and sent by telephone line to the station where it was again amplified and used to modulate a high-frequency radio signal that was radiated by the antenna, transmitted through space, picked up by the receiving antenna, and rectified or detected to produce the sound heard in the earphones or loudspeaker. Mr. Barford looked at me and shook his head. "I am sure it is all very wonderful," he said, "but it is too far beyond my comprehension for me to understand or appreciate. What I would really like to know is this: how are the various sounds from the orchestra, the tinkling notes of the piano, the singing tones of the violin, the high notes of the soprano to the low notes of the bass viola able to travel up this steel needle (of the gramaphone) and reproduce so faithfully the original sounds?" And with that simple question the perceptive musician had put his finger on a problem that requires all of our advanced knowledge of vibration and acoustics to provide an answer.

**Henri de Savoie**
**and Conversation Français**

One of the educational experiences offered to CKUA listeners was a course in conversational French given by Professor Henri de Savoie. As was usual for these *Extension Lectures,* it fell to me in addition to controlling the program, to announce and sign-off the program. In this case there was one hitch. Professor de Savoie insisted that the introduction and sign-off be made in *French,* a decision he made before he became aware of my complete lack of ear for the nuances of French pronunciation. Nevertheless, he persisted and schooled me carefully on the announcement in French as it ought to be. Came the fateful evening of the first lecture; Professor de Savoie was seated in the speakers' booth and I was at the microphone in the control room where I could watch him through a small window. I began the announcement as best I could, but when I saw the Professor wince, *literally wince,* I lost what remained of my composure and stumbled through the remainder as quickly as I could. The sign-off went in much the same fashion. I thought, "At least future announcements will be in English." But no, the good professor would not give up on me, and once a week for several weeks I went through a hell I had not previously known. During my seven and one-half years with CKUA, I found my work interesting, enjoyable, and at times exciting; but even now, nearly 60 years later, thoughts of trying to announce *"Conversation Français"* come back to haunt me.

**The Dinner Hour of Music**
**and the Two Black Crows**

"The Dinner Hour of Music," aired weekdays between 6:00 and 7:00 p.m. was indubitably one of CKUA's more popular musical programs. Of this I was reasonably sure, as I received much gentle kidding from my fellow electrical engineering students as to why we didn't play more of the "popular" music of the day on the dinner hour. The program selection was usually made by Sheila Maryat and consisted mainly of classical favorites in a lighter vein than selections for the "Symphony Hour" which preceded the "Dinner Hour of Music." One summer it happened that nearly all the key people took their monthly vacations at the same time, so it was left to me to put on the "Dinner Hour." There seemed to be no problem as I was told that the lady in the Record Shop on Jasper Avenue would help make the selection of records as she had always done. Alas, when I showed up on the first morning of the vacation period to pick up the records for that day, it was to find that the record lady herself was also on vacation, leaving in charge a "sweet young thing" who knew even less than I about what constituted a suitable selection. Nevertheless, we listened to some records and picked out several that appealed to both of us. Then the "sweet young thing" mentioned that there was a new record out called "Two Black Crows" which was supposed to be a big hit. So we played it and delighted in the banter and repartee of the Black Crows, with exchanges such as, "Status Quo? What's dat?" —"Oh dat's Latin for the mess we's in." With fingers crossed we added it to the selection. That evening everything went well (that is, there were no calls in to the station during or after the dinner hour), but next morning word came down that the boss (Mr. E.A. Corbett) had listened to the program and immediately issued orders that henceforth for the duration of the vacation period, the record selection would be made by Miss Montgomery, long-time librarian for

*Edward Jordan, '34 BSc(Eng), the control operator when Radio Station CKUA first went on the air, recalls the pioneering days of educational radio at the University of Alberta.*

*Edward Jordan, circa 1929.*

*Edward Jordan is a native of Edmonton. Now retired, he served as head of the department of electrical engineering at the University of Illinois for 25 years. He is a member of the National Academy of Engineering and a fellow of the Institute of Electrical and Electronics Engineers, which awarded him its Education Medal in 1968. In 1970 he received the Centennial Medal from Ohio State University.*

*After leaving Edmonton and the University of Alberta, Dr. Jordan worked as an electrical engineer for the International Nickel Company in Sudbury, Ontario before enrolling for further graduate work at Ohio State University, where he received a PhD degree in 1940. After that, he taught and directed research in electromagnetic theory, antennas, and radio direction finding at Worcester Polytechnic Institute, Ohio State University, and the University of Illinois.*

*The author of several books in his field, he served as chairman of the IEEE Antennas and Propagation Society and as chairman of the U.S.A. national committee of the International Union of Radio Science.*

the Extension Division. But even now, years later, I cannot help but feel that that evening's program was one of the best "Dinner Hours of Music" ever aired over CKUA.

### The First British Empire Round-the-World Christmas Day Radio Broadcast

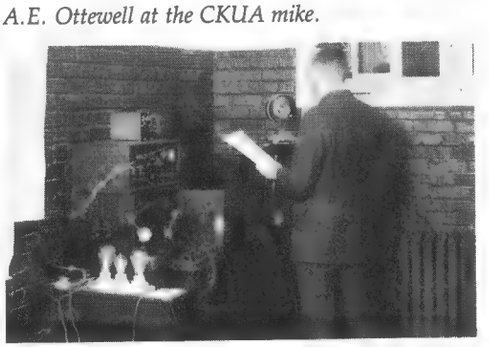
In December of 1928 (or perhaps it was 1929) it became known that the British Broadcasting Corporation would put on the first Christmas Day round-the-world broadcast with segments of the program to originate in different parts of the British Empire. As a member of the CNR radio network, CKUA would air the program in Edmonton. The program opened in London with Christmas Day greetings from the King and Queen, followed by a musical program, after which programs followed originating in Montreal, Vancouver, and then different parts of the British Empire around the world. Because of the time difference the program opened in Edmonton at 6:00 a.m., which meant someone had to get up at 4:30 a.m. to arrive at the studio in time to check out the circuits and equipment. Mr. Brown asked me if I would handle the assignment, including the opening and sign-off announcements. I accepted with alacrity as I was most pleased to be allowed to participate in this historic event. It was a thrill indeed to be on the line to hear the London engineer checking the circuits with "Hello Montreal. Are you there? Are you there, Montreal?" and to hear Montreal reply. When the time came I opened the program in Edmonton with the CKUA announcement, switched lines through to the station, and monitored the two-hour program which proceeded without a hitch. At the end of the program BBC signed off, then Montreal signed off, and finally yours truly signed off for CKUA, the radio station of the University of Alberta. It was an experience I would never forget. When I returned home I learned that my mother and dad had sat up in bed listening to the program on the radio set I had made. Mother told me that when Dad heard me make the final sign-off announcement he stood up in bed with arms above his head and shouted, "That's my boy!"

I can't conclude these reminiscences about the early days of CKUA without recalling some of the key people associated with its development. E.A. Corbett was the new director of the Extension Department at the time of CKUA's beginnings and he helped determine the directions the new enterprise would take. He was a gifted story teller whose occasional radio lectures established a receptive audience. This young control operator vividly recalls his telling of the "Merchant of Death," the story of Basil Zaharoff, the Greek financier and arms dealer who sold the new machine guns and other sophisticated weapons to both sides of any conflict (a double-dealing in arms trafficking now taken over by the superpowers themselves). A.E. Ottewell, who had preceded Mr. Corbett as director of extension was now the university registrar, but he continued to give occasional radio lectures. He also gave slide lectures around the province, connecting a portable electric generator to a jacked-up rear wheel of his auto to provide the required electricity.

On the programming side, Sheila Marryat (a sister of the Hon. Irene Parlby, Canada's first woman cabinet minister) served as program director and encouraged such talented performers as Elizabeth Stirling Haynes and the CKUA Players.

On the engineering side, Dr. H.J. MacLeod, as head of the electrical engineering department, was *ex officio* director of the station staff. He supervised the 1935 MSc thesis of George Sinclair on "Measurement of Impedance of a Counterpoise Antenna," and later my own MSc thesis on "Automatic Gain Control for a Broadcast Amplifier." Assistant Professors Wardlaw Porteous and Wilfred Cornish managed the transmitter staff, and Professor Porteous taught one of the few courses in "radio" given in Canada at that time. Dick Rice, General Manager of the Edmonton Journal station, CJCA, (although nominally a competitor) was often a friend in need in helping to keep CKUA on the air in the early days. ■

*A.E. Ottewell at the CKUA mike.*



# Class Notes

## '36

**Ralph Erdman,** BSc(Ag), '38 MSc, served with the Alberta Soil Survey (1936-47) and Agriculture Canada's Lethbridge Research Station (1947-49) before taking over the family farm at Barons, Alberta when his father fell ill. During the years he spent on the farm, Ralph also served for several years as a land assessor for the Counties of Lethbridge and Vulcan. Retired from farming in 1976, he can look back at a career in agriculture that provided him with a number of rewards, most notably the 1961 World Wheat Grand Championship, which he won at the Toronto Royal Winter Fair in 1961. Nowadays, Ralph keeps busy on the executive of the Lethbridge Historical and Archeological Societies and with the local Mountain Bluebird Conservation Project. In his spare time he enjoys commuting to Victoria, B.C. to visit his daughter Kathryn and her family.

## '37

**Donald King,** Dip(Pharm), of Calgary is enjoying retirement, spending time at Kerby Centre taking adult education courses, and being lazy.

## '39

**Alex Stronach,** BA, is involved in trading in the Vancouver Stock Exchange, and also a bit in Toronto and Alberta. He keeps busy managing resource companies, walking, and working crossword puzzles.

**George W. Robertson,** BSc, recently visited ICRISAT in India where he attended a consultant's meeting on Research on Drought Problems in the Arid and Semi-Arid Tropics. At the meeting, he delivered an invitational keynote paper on the "Possibilities and Limitations of Rainfall Analysis for Predicting Crop-Available Water." En route home he stopped off in Madrid to attend the ninth session of the World Meteorology Organization's commission for agricultural meteorology.

## '40

**Donald Ferguson,** BA, who earned a degree in dentistry from the University of Toronto in 1945, retired this year. He is hoping to spend six months of each year in Florida, returning to enjoy the Canadian summers.

## '41

**Betty E. Knox,** BSc(HEc), resides in Kelowna, B.C. She retired as director of dietetics at Kelowna General Hospital in 1985 and now serves as a dietary consultant at a local intermediate care facility. She is looking forward to attending a reunion of the "Round Robins"—10 women who graduated from the University in 1941-42—in August 1987.

## '45

**George W. Govier,** MSc, was recently appointed a director of Western Gas Marketing Limited. He is president of Govier Consulting Services of Calgary

# In Memoriam

*The Alumni Association extends its condolences to the families and friends of the following:*

**Natalie Stevenson (Erdman)**
'17 BA *September 1986/Sidney, Australia*
**Lillian Cobb**
'18 BA, '22 MBA *February 1987*
**Andrew Welsh Ferguson**
'20 BSc(Eng) *November 1986*
**Jean Siemens (McQueen)**
'22 BA *March 1986/Edmonton*
**Francis Armour Ford**
'22 BA, 24 LLB *March 1987*
**Ardis Ruth Lebourveau (Cain)**
'22 BSc *November 1986*
**Homer Benjamin Lebourveau**
'24 BA, '24 BSc(Eng) *November 1986*
**John Watt MacGregor**
'26 BA, '30 MD *February 1987/Edmonton*
**Gordon Clifford Edwards**
'27 BSc(Pharm) *June 1986*
**Frank Ford Tallman**
'27 MD *December 1986/Portland, Oregon*
**August Evert Gudmundson**
'29 BSc(Eng) *July 1986*
**Rowena Jessie Moore (Elves)**
'30 Dip(Nu) *February 1981/Calgary*
**Patrick Ian Ogilvie**
'31 BSc(Eng) *March 1986*
**Harold Roy Turner**
'33 DDS *December 1986*
**Edith Olwen Harris (Edwards-Broughton)**
'33 BSc(HEc) *September 1986*
**Thomas Roy Clarke**
'35 MD *January 1987/Edmonton*
**Elizabeth Rebecca Barefoot (Farquharson)**
'35 Dip(Nu), '51 BSc(Nu) *February 1987/Edmonton*
**Carl Stinson Miller**
'35 BSc, '36 MSc, '71 LLD *April 1986*
**Arthur Sibbald McConkey**
'35 MD *May 1986/White Rock, B.C.*
**Mary Elizabeth McNab (Thomson)**
'35 BA *February 1987*
**Kathleen B. Dunton (Bingay)**
'36 LLB *March 1987/Ontario*
**Freda Theresa Weiss (Ranche)**
'36 Dip(Nu) *December 1986*
**Maurice Yoachim**
'37 MD *January 1987*
**James Alexander McKirdy**
'40 BSc, '42 MSc, '47 BEd *January 1987/Winnipeg, Manitoba*
**Hugh M. Dickson**
'40 BComm *January 1987/Lethbridge*
**Howard Lionel Dobson**
'41 MD *December 1986*
**Gordon Ruthvin Sterling**
'41 BSc(Ag), '66 MSc *November 1986*
**John McQueen Rae**
'42 BComm *November 1986*
**Marjorie Joan McDonald (Butterfield)**
'44 BSc(HEc) *1986*
**Sylvia Bentley (Rowan)**
'45 BSc *February 1987*
**Cameron MacDonald Hay**
'46 BSc(Ag), '49 BEd, '55 MEd *November 1986*
**Donald Irwin Culham**
'47 DDS *March 1986*
**Dorothy Marie McDonald (Rostrup)**
'47 Dip(Nu), '50 BSc(Nu) *March 1986/Vancouver, B.C.*
**Thomas Henry Newton**
'48 BSc(Eng) *March 1987/Edmonton*
**Major George Philip Hartling**
'48 BComm *February 1987*
**Joseph William Altilio**
'48 Dip(Pharm)
**John Pasemko**
'48 BEd *February 1986*
**John Antliff Brown**
'49 BEd, '49 BA *November 1986*
**Margaret Elizabeth Dunlop**
'49 Dip(Ed) *October 1986*
**Alan Byron Amundsen**
'49 BSc(Eng) *November 1986/Vancouver, B.C.*
**Norman Gregory Hewitt**
'49 BEd, '56 LLB *April 1987/Edmonton*
**Frank Steve Lieber**
'49 BA, '50 LLB *March 1987*
**Arthur Orin R. Landeen**
'50 Dip(Ed) *February 1987*
**Joseph David Blazouske**
'50 BA, '51 BComm *November 1986/Montreal, Quebec*
**Dorothy Grace Bowden (Ersnell)**
'50 BEd *June 1981*
**Robert Alexander Low**
'50 BA, '51 LLB *March 1987/Calgary*
**Joffre Joseph Ouellette**
'50 BA, '51 LLB *January 1987*
**George John Hawrelak**
'51 BSc(Pharm) *January 1987*
**Isabel Joyce Coy (McKenzie)**
'51 Dip(Ed) *February 1987*
**Donald Milton Wolcott**
'51 BSc(Eng) *February 1987*
**William Edgar Beacom**
'52 BComm *March 1987*
**Kenneth Errol Alarkson**
'53 Dip(Ed), '54 BEd *March 1976/New Norway, Alberta*
**Laurent Gareau**
'55 MSc *May 1986*
**Miljan R. Tomovich**
'56 BSc(Eng) *October 1986/San Diego, California*
**Lloyd Arthur Cribb**
'57 BEd, '78 Dip (Ed) *October 1986*
**Campbell Ririe Spencer**
'60 BSc, '62 BA *November 1986*
**Nicholas John Kitz '60 BSc(Eng)**
*June 1986/Kelowna, B.C.*
**Donald Allan Scott**
'61 BSc *April 1987/Billings, Montana*
**June Rosemary McMaster (Rowat)**
'63 MA, '71 PhD *1986*
**Mervin Ronald Welsh**
'60 MD *January 1987*
**Philip Arnold Popove**
'64 DDS *December 1986*
**Robert Harold Simmermon**
'65 BComm *May 1986/Calgary*
**James Robert Walter**
'66 BA, '67 BEd *March 1987*
**Patrick Charles D. Gale**
'68 BEd *June 1986*
**David Alan Birdsall**
'68 BSc, '72 PhD *January 1987/Victoria, B.C.*
**Lorraine May Allison**
'68 BSc *January 1987/Calgary*
**William Henry Ody**
'70 BEd *September 1986*
**Sheila Frances Gravell**
'72 BSc(Nu) *February 1987*
**William Harrington Cosford**
'73 BSc, '75 DDS *September 1986*
**Bonnie Beverly Pugh (Reich) '73 BEd, '78 MEd** *January 1987*
**Helen J. Milne**
'73 BSc(Pharm) *1986*
**Brian Douglas Nixon**
'79 BSc(Forest) *September 1986*
**Douglas Stephen Green**
'81 BA *March 1987/Red Earth Creek, Alberta*
**Ralph Peter Wynn**
'81 BEd *June 1986*
**Beverly Ann Blundell**
'85 BEd *January 1987*

and chairman of International Permeation Inc.

## '46

**Doreen Brisbin (Ockenden),** BSc, in 1958 (after three children) returned to the University of Toronto to take her PhD. She joined the faculty in the University of Waterloo chemistry department in 1961 and served as associate dean of science at that university from 1975 to 1986, at which time she was appointed advisor on academic human resources to the vice-president, academic.

## '48

**Robert B. Walker,** BSc(Eng), was vice-president, engineering for Reichhold Chemicals Incorporated before his retirement in 1983. He is now doing consulting work for the chemical and aerospace industries.

## '49

**John Spencer,** BSc(Ag), '51 MSc, writes that he moved to London, England in 1973 and has been doing research in yeast genetics, in particular on construction of intergenetic hybrids by protoplast fusion, at Goldsmiths' College and at Thames Polytechnic in Woolwich. "However due to the present government's peculiar genius in running the country's affairs by closing down the various educational institutions, the College is closing down all the science departments including my wife's (life sciences), where we have been doing our research." He anticipates returning to Canada when the closure actually takes place and hopes to find somewhere to continue with the work, "which is yielding fairly promising results just now." In regard to a query made by R.C. Eliuk in the Class Notes section of last issue (related to the origin of the Ukrainian word "kobzar"), Dr. Spencer passes on the information that the word means a person who plays the kobza, which is an old Ukrainian musical instrument resembling a guitar.

**Les R. Warden,** BSc(Ag), has now retired from his position as vice-president of J.I. Case Canada and group manager for the company's operation in Western Canada after 37 years in the farm and construction equipment industry. He and his wife, **Shirley Warden (Wilson),** BSc(HEc), plan to remain in Regina but summer at their cottage at Gull Lake, Alberta and spend some winter months in Palm Desert, California.

**Thomas Morimoto,** BSc(Eng), '52 MSc, is senior vice-president of Scimitar Oils Limited, with offices in Dubai, United Arab Emirates and in London, England.

**Lloyd M. Faibish,** BSc(Eng), who resides in Willowdale, Ontario, retired from C-I-L Inc. at the end of April after almost 36 years of service to that company in a variety of positions.

**Ray E. Benjamin,** BSc, is now retired after 35 years spent in the petroleum industry. He is living in Houston, Texas, where he serves as a campaign associate for the United Way of the Texas Gulf Coast. "Our goal is to raise $45 million!"

**Vernon Millard,** BComm, has retired from his position as chairman of the Energy Resources Conservation Board of Canada.

## '50

**Frank D. Priestly,** BSc(Eng), retired at the end of September 1986 as vice-president, Alberta district after 36 years with Westinghouse Canada Inc. He manages to keep busy with the Calgary Chamber of Commerce and the Calgary Rotary Club.

**Charles E. Simmons,** BSc(Eng), '57 BEd, reports that he retired in 1976 after 35 years of teaching in Alberta schools, the last two dozen spent as principal of the Oilfields High School in Black Diamond. His retirement has been devoted to gardening, golf, curling, and travel. "I have been so busy doing nothing, I cannot find time to finish, and if I ever finish, I suppose I'll never know it."

**John Dutton,** BA, director of the Calgary Public Library, will receive the outstanding service award of the Canadian Library Association at its June annual meeting in Vancouver. In the eight years that he has spent as head of the Calgary Library system, circulation has doubled.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## '51

**Walter Siwak,** MD, was recently elected mayor of the City of Camrose, Alberta, defeating an incumbent of 17 years.
**Frank Vetsch,** BSc(Eng), president of Tripet Resources and of the Private Energy Research Association, has been named a director of Western Gas Marketing Limited.

## '52

**Vernon Dennis,** MD, '50 BSc, is now engaged in the private practice of obstetrics and gynecology at Swedish Covenant Hospital in Chicago after having spent nine years in Zaire.
**Hugh Planche,** BComm, has been named a director of Dillingham Construction Limited, which has offices in North Vancouver and Edmonton.
**Donald Dabbs,** MSc, '50 BSc(Ag), retired from his teaching position at the University of Saskatchewan at the end of 1986 and is now residing on Salt Spring Island, B.C.

## '53

**Art Wood,** BSc(Eng), has been appointed vice-president, engineering and marketing by Norcen Energy Resources.
**Tess Trueman,** MD, '51 BSc, retired from a very busy practice of obstetrics and gynecology in Calgary in 1975 and began a new career as a land developer on both the east and west coasts. She reports that she is now phasing out the latter and living and loving life on a small island just off Vancouver Island. ("I still have land for sale on both coasts.")

## '56

**Harry Karasiuk,** BSc(Eng), has been named pulpmill manager by Champion Forest Products of Hinton, Alberta.

## '57

**Dan Frank,** BSc(Eng), is now division manager, gas and pipeline for Texaco Canada Resources.
**Gordon Arnell,** LLB, '56 BA, has been named president and chief operating officer of Trilea Centres Inc., the company formed by the amalgamation of the shopping centre divisions of Trizec Corporation of Calgary and Bramalea Limited of Toronto.

## '59

**John Nasedkin,** DDS, of Vancouver, was elected president of the American Equilibration Society at that dental society's annual meeting in Chicago. He is a member of the Royal College of Dentists of Canada (Prosthodontics).
**Jerry van der Linden,** BSc(Eng), has been appointed manager, market development - west within the natural gas marketing group of Petro-Canada.
**Ron Ghitter,** LLB, who is serving as the chairman of the Olympic Arts Festival volunteer committee, is one of the many University of Alberta graduates involved in the staging of the 1988 Calgary Olympics.
**Forrest Hansen,** BA, is an associate professor at the School of Social Work, University of Windsor.
**Lucien H. Fetaz,** BSc(Pharm), is now semi-retired. Settled in B.C., he does relief work throughout Alberta in the summer and spends the winters in Arizona.
**Beth Myers (Bidulock),** BSc(Nu), '58 Dip(Nu), is senior researcher for an epidemiology program of the Cancer Research Center of the University of Hawaii at Manoa, a position she has held since the program's inception 14 years ago. The focus of the research, which is supported by the National Cancer Institute, is the relationship of diet and cancer incidence among five ethnic groups in Hawaii.

## '60

**Ronald R. Nolan,** BSc(Eng), has been appointed executive vice-president of Hatch Associates Ltd. and its group of companies.
**Allan W. Askey,** MD, brings a broad background of medical experience to his new position as deputy registrar of the College of Physicians and Surgeons of British Columbia. He was previously director of medical investigations in B.C.

## '61

**Ed Overbo,** BEd, '58 BSc, is teaching in an adult education program for 22 students on the Slavey Dene Tha Band Reserve in northern Alberta.
**Rene Foisy,** LLB, '60 BA, who formerly served as a justice of the Alberta Court of Queen's Bench, was appointed to the Alberta Court of Appeal at the beginning of the year. This follows a busy year during which he led the inquiry into the February 1986 Hinton rail disaster.
**Aaron Shtabsky,** LLB, '58 BComm, has been appointed chairman of the board of directors of Chembiomed Ltd., the company established to promote biotechnology transfer from universities in Alberta and a world leader in synthetic *carbohydrate chemistry*. A founding member of the Edmonton law firm Shtabsky and Tussman, Mr. Shtabsky has been elected to membership in the World Business Council and the Chief Executives Organization.
**Kenneth R. Nichol,** BSc(Eng), resides in Spruce Grove, Alberta and is actively engaged in the practice of management engineering, consulting to local and international clients in the oil and plastics industry.

## '62

**Robert G. McArthur,** MD, associate director of the Julia McFarlane Diabetes Research Unit and professor of pediatrics at the University of Calgary, has been appointed chief of medical staff of the Alberta Children's Hospital in Edmonton.
**Kenneth A. Hurshowy,** BComm, recently completed a three-year term as a director of the Edmonton Real Estate Board. He is now expanding the operations of Hurshowy Real Estate Ltd., a company specializing in commercial real estate and property management.
**Barry Galbraith,** BSc, after 18 years with the Alberta Research

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Council in Edmonton, is now a technical information scientist at Union Carbide's Technical Center in Tarrytown, New York.

## '63

**Peggy Macek (Hornby),** BSc(HEc), is now general manager, merchandise information systems for the Hudson's Bay Company (The Bay, Simpsons) in Toronto.
**Esther S. Ondrack,** BA, has been appointed senior vice-president administration and corporate secretary by Chieftan Development Company. She has been associated with Chieftan since its formation in 1964 and is a director of the company.
**Gertrude E. Fellner,** BEd, '56 Dip(Ed), has retired from teaching and is enjoying travelling, writing, calligraphy, silkpainting, and having time for friends and family. "Everyday is Saturday."

## '64

**Arthur Olson,** BSc(Ag), '67 PhD, head of agricultural research for the Alberta provincial government since 1979, has been appointed assistant deputy minister in charge of Agriculture Canada's Research Branch.
**John T. Ferguson,** BComm, has joined the board of directors of Swiss Bank Corporation (Canada). The president and chief executive officer of Princeton Developments Limited of Edmonton, he is a director of several other Canadian companies as well.
**Lane Colin Graham,** BSc, '64 MSc, who earned his doctoral degree at Tulane University in New Orleans, has been named associate dean of science at the University of Manitoba in Winnipeg.
**Jean C. Graham,** Dip(Mus), '65 BMus, recently completed her BEd at the University of Manitoba and is now teaching at St. John's Ravencourt School in Winnipeg.

## '65

**John Strick,** PhD, is professor and head of the department of economics at the University of Windsor, Windsor, Ontario.
**Brian McAdam,** BComm, is first secretary of the Canadian High Commission in Bridgetown, Barbados, West Indies.
**Gordon M. Lowe,** BEd, '73 MEd, is principal of a 500-student elementary school in Lethbridge, Alberta. The school offers two tracks of instruction, English and French immersion.
**Ellen Sue Mesbur (Osten),** BA, recently earned a doctor of education degree from the University of Toronto. She resides in Toronto and is a professor at the School of Social Work, Ryerson Polytechnical Institute.

## '66

**Hazel Kassebaum (McIntyre),** BA, earned a master of social work degree from Waterloo Lutheran University in 1973 specializing in cross-cultural psychotherapy. While working for the UNHCR in the Phillipines, she met and married a U.S. diplomat. Now, after having spent three years in Washington, D.C., she and her husband are moving to N'Djamena, Chad.
**Joan Burton (Weber¢,** BSC, has been hired by the Ontario Hospital Association as infection control consultant for Ontario.

## '67

**Kofi S. Amankwah,** MD, who is now a full professor at the medical school of Southern Illinois University, is spending a year's sabbatical in the anatomy department of Cambridge University, England.
**Darwin Park,** BPE, was named "1986 Citizen of the Year" in the City of Spruce Grove, Alberta. Present at the award ceremony were Mayor George Cuff, MLA Jim Heron, and Lieutenant-Governor Helen Hunley.
**Carole Conrad,** LLB, '64 BA, of Calgary has been named to the Alberta Court of Queen's Bench.
**Lance Richard,** MD, '63 BA, is engaged in the practice of orthopedic surgery in Kelowna, B.C.

## '68

**Richard Byers,** LLB, '60 BSc, is now vice-president, corporate affairs for Unocal Canada Limited, a company engaged in natural resource exploration and development in Canada.
**Attila Vilonyay,** BSc, reports from Calgary that he and his wife bought a house in 1985. "I am the homemaker with one cute wife and two nice kids (boys aged three and seven). Ambition fulfilled: independently poor."
**Samuel E. Konkin,** BSc, has accepted the position of executive director of The Agorist Institute, a free-market think tank and research facility specializing in the counter-economy. He is currently working on the Encyclopedia of Libertarianism for Garland Publishing (New York) and resides in Santa Monica, California.
**John Rowland Young,** MEd, '64 BEd, was recently appointed chairman of the board of trustees of the Edmonton and Rural Auxiliary Hospital and Nursing Home District No. 24. He is an associate professor at the University of Alberta, holding a joint appointment in the departments of educational foundations and sociology.

## '69

**Kit Pearson,** BA, currently resides in Vancouver. She has written two children's novels published by Penguin Books Canada. The first, *The Daring Game,* was released in February 1986; the second, *A Handful of Time,* came out in March of this year.
**Helgi Leesment,** BLS, is combining expertise with **Frank Jacobs,** '43 BEd, '47 BSc(Ag), to index the periodical *Canadian Cattleman* for a 50-year span, from its inception in 1938 to 1988. For the project, which is sponsored by the Stockmen's Memorial Foundation (Calgary), they have received an $85,000 grant from the Social Sciences and Humanities Research Council of Canada. At a later stage of the two-and-one-half-year project, the computing facilities of the University of Alberta SPIRES system will be used, and the finished index will be available on line through SPIRES, as well as on microfiche and in hard copy. *Canadian Cattleman* is recognized as a significant source of historical information on the beef cattle industry in Western Canada, but to date has been largely inaccessible owing to the lack of an index.

## '70

**Donald H. Boyd,** BComm, was recently named vice-president controller by Chieftan Development Company. A member of the Institute of Chartered Accountants of Alberta, he joined Chieftan in 1977.
**Reuben Wekselman,** MD, is practicing orthopedic surgery in Burlingame, a community 30 kilometres south of San Francisco, and is an associate clinical professor of surgery at the University of California.
**Gwenyth Spinks,** BA, '72 Dip(Ed), has recently moved to England, where she has become the registrar/field representative for the University of Maryland overseas division at RAF Lakenheath.
**David L. Emerson,** MA, '68 BA, is now president and chief executive officer of the Western and Pacific Bank of Canada and sits on the bank's board of directors.

## '71

**Wayne S. Kubasek,** BSc(Eng), recently transferred from Oklahoma to Calgary with Mobil Oil. In his new position as manager of gas contracts, he is responsible for administration of Mobil's gas contracts and management of the company's gas supply portfolio.
**Vincent Tkachyk,** BSc(Eng), has been named vice president production by DeKalb Petroleum Corporation, which has its corporate offices in Calgary.
**Terry A. O'Farrell,** MD, '69 BSc, practices orthopedic surgery in Kelowna, B.C.
**Harlan Hulleman,** MA, '68 BEd, has been appointed to the Alberta Educational Communications Corporation board of directors. He is a teacher-librarian at Lacombe Composite High School and is active in community service.
**John Anonby,** PhD, and his family have recently returned to Trinity Western University in Langley, B.C. after a sabbatical leave in Nairobi, Kenya. While in Africa, the Trinity Western professor of English studied the works of Ngugi, East Africa's greatest novelist, and also taught at an international theological college.
**Franklin L. Foster,** BA, '68 BEd, was a contributor to the new Canadian Encyclopedia and is now pursuing business interests in Kingston, Ontario.
**Dhanoo Saeng-Intra,** Dip(Ed), is a full-time teacher-counselor at the Chonburi Governmental Provincial Secondary School in Thailand. The school has 3,000 co-ed students. "They are going to join you people to make peace and a beautiful world," he writes.

## '72

**Mary E. MacNab,** BA, has her own publishing and consulting

firm, the M.E. MacNab Corporation of Edmonton.
**Ruth Wong,** BA, is currently working with Deloitte Haskins & Sells in Edmonton as a chartered financial planner in their personal financial management services division.
**Ray Greenwood,** BComm, is economic development officer for the Chiniki Indian Band of the Stoney Tribe at Morley, Alberta.
**Becky Purves,** BA, is assistant registrar (liaison and publications) for the University of Alberta.
**Raymond Schafer,** BComm, '73 Dip(Ed), and **Marilyn Schafer (Gargus),** BEd, are living in Calgary where he is head of business education at Henry Wisewood High School. The couple were married in 1985 and now have a daughter.
**Jacques Dube,** MEd, has worked in the field of curriculum development in a number of locations throughout the world since graduation, including six countries in Latin America. For the past six years, he has been employed as a consultant in technical/vocational education in Africa and Southeast Asia. At present he is managing a project for the Asian Development Bank in the Ministry of Education, Culture and Sports in the Phillipines. He welcomes visitors: "let the readers of *New Trail* know that they can call on me whenever they are in this part of the world."

## '73

**Clayton Woitas,** BSc(Eng), and **Linda Woitas (Sheremata),** BEd, make their home in Calgary. He was recently appointed president and chief operating officer of Renaissance Energy, and she is a teacher at St. Francis High School.
**Betty J. Misanchuk (Yaremko),** BEd, is teaching grade four at Chancellor School in Winnipeg.
**Beth Walters (Lambertson),** BA, is manager, Pannell Kerr Forster, management consultants, Vancouver.
**George Pheasey,** BComm, is project labor relations manager with Catalytic Maintenance at the Syncrude site in Fort McMurray, Alberta.
**Micky Wylie (Profeta),** MA, now lives in Toronto. From there she writes that she is consulting and free-lancing as a librarian, mothering her two sons, and "wife-ing" Bill. She also spends weekends at the cottage, pickling, raising vegetables, swimming, and skiing. "Love to hear from old friends: Where are you Dave B., Jane W., Bob B., Marilyn?"
**Ruth Eagan,** PhD, '70 MEd, balances a religious life on the one hand and a professorship on the other. The first and only Catholic nun teaching at the University of New Brunswick, she is a specialist in the history of reading and reading difficulties.
**Oleh S. Hnatiuk,** BSc(Eng), has been appointed senior investment officer by Vencap Equities Alberta Ltd.

## '74

**Allen Mwalituke,** BEd, continues to live as a peasant in his home village in Tanzania after having had a diverse career in education.
**Eric Carstens,** MSc, '68 BSc, received a PhD degree in microbiology from the University of Sherbrooke in 1977. He is currently an associate professor in the department of microbiology and immunology at Queen's University in Kingston, Ontario and is looking forward to a one-year sabbatical in Munich, Germany beginning in September. His field of research involves the study of the molecular biology of an insect baculovirus important as a biological pesticide and as an eukaryotic expression system.
**Paul Goettler,** BSc(Eng), and **Sue Goettler (Sokulski),** '71 BPE, '76 BEd, both teach in Edmonton; he as a mathematics instructor at NAIT, and she as a substitute teacher for the Edmonton Public School Board.
**Theresa Harris-Sourisseau,** BEd, reports that after teaching 12 years in Peace River and Fort McMurray, she is enjoying "retirement" and newly-married life, having recently moved to Calgary. She spent the summer of 1985 biking in China, and dreams of returning to the Orient many more times.
**Fiona Chapman (Law),** BA, after earning her MBA from the University of Calgary in 1982, taught business in an Australian university. She returned to Canada in 1985 and is now in partnership with her husband in Calgary-based Computouch Ltd., business and computer consultants.
**Blanche Friderichsen,** MEd, has retired after 21 years with Alberta Education. She and her husband have a number of travel plans, beginning with a stay with friends in Harare, Zimbabwe.
**Ambernadine Mitchell,** BSc(Pharm), who is recently divorced, continues to practice pharmacy full-time in Parksville, B.C.
**Mooney Sookram,** BEd, earned a bachelor's degree in economics (West Indies) and master's and doctoral degrees in education (Oregon) after leaving the U of A. Now a teacher in Lloydminster, Alberta and a summer school instructor, he has worked in the Caribbean as an educational consultant and lectured there in curriculum, instruction, and public school administration. He is the author of *Life's Triumphant Journey,* which he describes as "an inspirational work that would lubricate the bearings of your success mechanism and make you a winner."
**D. Tudor Williams,** BEd, has joined Reed Stenhouse Associate's Edmonton/Saskatchewan region as senior consultant, communication.

## '75

**Judy Williams (Richards),** Dip(Nu), has recently remarried and is enjoying being a mother and housewife after nursing for 12 years.
**M. Elaine Roberts (Hirst),** BSc(PT), is a co-owner of Independent Therapists Ltd. a firm contracting physical, occupational and speech therapy services to a variety of programs and institutions in and around Edmonton.
**Charlie Grove,** BEd, and **Patricia Grove (Lowden),** BEd, are living in Prince George, B.C. with their pre-school son. Charlie teaches adaptive physical education in special education and Pat is involved in learning assistance. They spent 1979 and 1980 in the South Pacific and Southeast Asia and are planning another visit.
**Clyde Albrecht,** BComm, is currently working for The American Bank in Melbourne, Australia.
**Ralph Klintberg,** MEd, '73 Dip(Ed), is an executive assistant with the Alberta Teachers' Association.
**Christopher Culshaw,** BComm, is now an associate with Woodland Resource Services Ltd., a forestry consulting firm.
**Victor Post,** BSc(Eng), has been appointed manager, marketing by Alberta Power Ltd.
**Gary Spinks,** MHSA, '73 BA, was recently promoted to lieutenant-colonel and is now the associate administrator of the USAF Regional Hospital, RAF Lakenheath, England.
**Kathryn Beveridge (Erdman),** BEd, is now a research assistant in the department of chemistry at the University of Victoria. She and her husband, a constable in the Saanich Police Force's photography and fingerprinting department, have a daughter born in 1985.

## '76

**Philip Lachambre,** BComm, has been appointed vice-president, human resources by Syncrude Canada Ltd.
**John W. Pateman,** BEd, has been teaching in Ponoka, Alberta since 1976. He and his wife have two sons and a daughter.
**Peter H. Drabble,** BSc, is vice consul responsible for trade and investment at the recently established Canadian consulate at Osaka, Japan.
**Dwayn Stoton,** BComm, and **Angela Stotyn (Garossino),** '74 BSc, have moved to Bradford, Ontario, and he is now a senior district manager with Steelcase Canada.
**Mary Ann Gillese,** BEd, "bid farewell to the land of ice and snow" in October 1986 and moved to Victoria, B.C., counting on her background in the media and education to qualify her for a position with television, radio or a newspaper. She reports that she "loves living in Lotusland!"

## '77

**Jim Sawchuk,** BSc(Eng), is Alberta Transportation's regional director in the Peace region of the province.
**Laura Patterson-Robert,** BA, is a family therapist at the Family Service Association of Edmonton.
**Kenneth Laloge,** BComm, and **Kim Laloge,** '79 BSc, live in Edmonton with their family of three sons. Ken has recently moved to Gardiner Karbani Audy & Partners, one of the largest independent firms of chartered accountants in northern Alberta. He will be primarily working in taxation services including private businesses, personal taxation, and estate planning and taxation. His involvement in community affairs includes serving as treasurer of the

**University of Alberta Faculty of Pharmacy and Pharmaceutical Sciences**

## Homecoming '87

# Pharmacy Open House

### Friday, September 25

*4:00 to 8:00 p.m.*

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*All graduates of the Faculty are invited to meet faculty, view displays and learn about the current programs.*

*A special invitation is extended to the* ***Classes of '81 and '86*** *and to any graduates interested in forming a* ***Faculty of Pharmacy and Pharmaceutical Sciences alumni group.***

## We'd Like to Hear From You

**New Trail** welcomes your contributions. Send us some memories of your days on campus or of someone or something associated with the University. And we would also like to hear what you are doing now.

We welcome submissions and suggestions as to feature articles for the magazine, and also appreciate hearing about graduates whose work in the visual arts we might highlight in our "Imagery" section.

The next **New Trail** advertising and copy deadline is July 10, 1987.

Rotary Club of Edmonton — Strathcona.

**Gregg Vernon,** BSc(Eng), was recently transferred from Australia to Madras, India where he is managing the local operations of Schlumberger, a company which provides services to the oil exploration industry. He and his family (three children) are enjoying the Indian subcontinent and look forward to returning to Canada for a vacation next year.

**Alexius B.R. Kasalu,** BSc(Eng), has been working as general manager (central) of Zambia Railways Ltd. since April 1986. This involves some 260 kilometres of track with Lusaka and Kabwe as the major town centres in the region.

**Karl E. Martens,** BComm, reports from Kelowna that he now has two little boys, a wife, a computer programming practice, and a life insurance practice, and he is loving living in the middle of the Okanagan — lots of sunshine and no 30 degrees below. "Where are all my classmates?" he asks.

**Peter Higham,** MMus, '70 BA, recently accepted a new position as music librarian at Mount Allison University in New Brunswick.

**David I Wright,** BSc, joined the Canadian Armed Forces as a pilot, instructed on Tutor jets in Moose Jaw, Saskatchewan for four years, and then flew the Aurora Maritime Patrol aircraft, based in Comox, B.C. for four years. He is currently an exchange pilot with the Royal Australian Air Force, flying the P-3C Orion Maritime Patrol aircraft out of Adelaide.

**David B. Wagner,** BSc(Forest), received a PhD from the University of California, Davis in 1986 and is now a professor in the department of forestry at the University of Kentucky.

**Debbie Meronek,** BSc(Pharm), earned a medical degree from the University of Calgary in 1982 and practiced in that city until November 1985, when she left and travelled throughout Southeast Asia for six months. She has now moved to Toronto with her boyfriend and is doing locums there at present.

## '78

**Sharon L. Wright (Olson),** BEd, taught for four years in Moose Jaw, Saskatchewan, then undertook substitute and part-time teaching assignments in Courtenay School District on Vancouver Island for the next four years. She now resides in Adelaide, South Australia with her husband and two-year-old son.

**Hans J. Boerger,** PhD, is working as senior aquatic research scientist for Syncrude Canada Ltd.

**Harley G. Pallister,** MEd, has been educational development officer at Assiniboine Community College, Brandon, Manitoba since 1973. In that position he is responsible for "program development and evaluation, staff development, in-service training, instructor certification, etc. etc."

**Luc David,** BA, completed a law degree in 1986 and is now articling with the Quebec Bar and acting as advisor to an international union in Montreal, Quebec.

**Stan Senkowski,** Certificate in Science, is sales manager for Cooper Biomedical in Mississauga, Ontario.

## '79

**Garba Hassan,** MEd, is now the deputy chief inspector of education in charge of junior secondary schools and technical schools in Kano State, Nigeria.

**Ray Hawco,** MA, formerly with the Newfoundland Petroleum Directorate, has moved to a new position with the Newfoundland intergovernmental affairs department, where he is executive director for Native policy in the department's secretariat.

**Malcolm Kern,** BSc, is now an associate of William M. Mercer Limited, Edmonton. William M. Mercer Limited is Canada's largest pension and benefits consulting firm.

**Phyllis Foster,** BEd, lives in Red Deer, Alberta, where she teaches playschool part-time and enjoys her two pre-school daughters.

**Michel Guay,** PhD, est professeur agrégé à l'Université Laurentienne (Ecole de l'Activité Humaine).

## '80

**Murray Hampshire,** BSc, worked as biologist for Ducks Unlimited in southern Alberta until 1985, at which time he transferred to Grande Prairie as the northern Alberta area manager. He passes on the information that he is "married with two dogs."

**Jennifer Aalhus,** BSc(Ag), is just completing a PhD in animal science. Her immediate plans are moving to the farm near Fort St. John, B.C. for the summer, and looking for a job.

**Jean Ottosen (Telfer),** BA, and **Charles Ottosen,** '79 BA, recently announced the birth of their second child, another girl. They live in Wetaskiwin, Alberta.

**M. Douglas Walls,** BEd, is currently working full-time at the Stettler Regional Childcare Centre in central Alberta.

**Richard Aistrope,** BPE, is teaching high school algebra and computer science at Columbia High School in Columbia Station, Ohio. In addition to teaching, he is also coaching freshman football and serving as the school's athletic trainer.

**Christopher R. Eggertson,** MBA, '77 BSc(Ag), is an accounting instructor in the Faculty of Management at the University of Calgary and a practicing chartered accountant.

## '81

**Robert D. Erickson,** BSc(Forest), is an investment advisor for Pemberton, Houston, Willoughby in Campbell River, B.C. He reports that he is enjoying his job very much and also enjoying skiing, canoeing, "and all the other great things to do here in God's country."

**Don W. Simpson,** BComm, now works for the Canadian Imperial Bank of Commerce in Grande Prairie, Alberta as an account manager.

**David L. Zimmel,** BComm, is a qualified chartered accountant recently admitted to partnership in the Edmonton-based chartered accounting firm Sax, Zimmel, Stewart and Company.

**Rudi Kreiner,** BSc(Eng), spent the last four years in Nuremburg, West Germany, developing a programmable logic controller, playing hockey, and travelling a lot in Europe and back to Canada to visit. He recently moved to Inzell, at the foot of the Bavarian Alps "to see what life there has to offer."

**Phyllis Kalmanovitch,** BEd, received her master's degree from the University of Calgary in 1986 and is currently employed by the Calgary Roman Catholic Separate School District, but is on special assignment to the Learning Centre, operated by the Calgary Society for Students with Learning Difficulties. The Centre is an applied research and demonstration agency with a mandate to offer client services, conduct research and engage in professional development.

**Kenneth Lam,** BA, has moved back to Edmonton from Hong Kong. He works as a designer for an advertising agency.

## '82

**William Kerr,** MSc, is working for Canada Cement Lafarge as marketing/technical sales engineer in the Atlantic region. He was married in 1986 and lives in Dartmouth, Nova Scotia.
**Igor Levental,** MBA, has been appointed director of investor relations by International Corona Resources Ltd., an independent gold mining company based in Ontario.
**Elvis Lam,** BSc, now works for the Manulife Insurance Company as a programmer analyst.

## '83

**Reinhard Drobig,** BSc, has moved to Toronto and accepted a job as software engineer for Litton Systems Canada.
**Katherine Lau,** BComm, is now working as an administrative assistant at the Hong Kong Polytechnic.
**Belva Taylor,** BSc(Nu), is currently enrolled in the MHA program at the University of Ottawa.
**Joyce E. McKenzie,** BComm, obtained her CA in 1985 and then spent four and one-half months in Perth, Australia working with Coopers & Lybrand. She now works with that firm in their North Toronto office and will soon be joining their information technologies group.
**Irvin P. Van Otterlo,** BA, is now enrolled in an LLB program at the University of Windsor but hasn't given up his Alberta ties. "I am still a resident of Fort McMurray, Alberta and intend to be an Alberta resident for a very long time."
**Christian Nwobi-Okoye,** MEd, is principal special grade of a boarding school of 700 male students in Anambra State, Nigeria.
**Brent DesBrisay,** BSc, and **Lianne DesBrisay (Hadden),** '86 BSc(Nu), were married in 1986 and now live in Calgary. She is a nurse at Calgary General Hospital. He is a petroleum geologist.

## '84

**Eugenio Falcone,** BComm, is employed as an employee relations representative with Syncrude Canada in Fort McMurray, Alberta.
**Arlene I. Hoyme Bouck,** BEd, has taught school at Paradise Valley, Alberta for two years.
**Sylvie Boulanger,** BSc(Eng), completed a master's degree in structural engineering at the University of California at Berkeley in 1985 and has been working with the Canadian Institute of Steel Construction in Toronto ever since.
**Catherine Hall,** BA, was recently ordained to the diaconate in a ceremony held at Christ Church Cathedral in Vancouver, B.C.
**Kimberley Barker-Kay,** BEd, is now teaching communication and computers to adults at the Alberta Vocational Centre, Grouard, Alberta.
**Sylvia Betts,** BA, has been working as stage manager, producer, and theatre technician for theatre and special events in Edmonton since graduation. She is the first female theatre technician to ever be hired by the Edmonton Public Library.
**Vesna Bosnjak,** BEd, has been working on a master's degree in speech-language pathology at Western Illinois University and hopes to graduate this year.
**Calvin Klatt,** BSc(Eng), who now has a master's degree in astrophysics, moved to Montreal last fall and began work at CAE Electronics, where he is involved in building Boeing 737 flight simulators for pilot training. "They're like $7 million video games."
**Ted Milner,** PhD, is an assistant professor (research) at the Institute of Biomedical Engineering of the University of Montreal and Montreal Rehabilitation Institute.

## '85

**Malcom Zung,** BSc(Eng), has settled in Scarborough, Ontario and is designing communications software at the IBM Canada Laboratory.
**Christine Giles,** BSc(Forest), is living and working in a small desert town in northern Sudan for a year, planting drought-resistant trees and drinking tea with Arab Muslims. "Why? See Isaiah 58:9-11!"
**Kevin Arnold,** BA, is working for Zeidler Forest Products, Slave Lake, Alberta.
**Peter MacLean,** BEd, is working as a lecturer in CAD/CAM in the mechanical and production engineering department at the Auckland Technical Institute in New Zealand. "Beautiful scenery, beaches, and people — what more could one ask for except snow for Christmas and who won the Grey Cup this year?"
**John F. Krowka,** PhD, was appointed assistant research immunologist in the department of laboratory medicine at the University of California, San Francisco last year. He is doing research on AIDS and has been awarded a grant from the California AIDS task force to study "Immuno-dominant Epitopes of Human Immunodeficiency Virus (HIV) Envelope Glycoproteins." He reports that his lab uses a computer program developed by Drs. B. Singh and S. Fraga of the University of Alberta to predict which portions of the outer coat proteins of HIV are able to most efficiently stimulate protective immune responses.
**Teresa Haykowsky,** BA, is enrolled in law school at Laval University in Quebec.

## '86

**James M. McNamara,** Dip(Ed), '79 BEd, lives in Red Deer, Alberta with his wife and two daughters and is counsellor at St. Patrick's Community School.
**Lance Jack,** BA, is studying agricultural economics at the University of Saskatchewan.
**Thérèse Reilly (Bernard),** LLB, has moved east and now resides in Richmond Hill, Ontario. She is completing her articles of clerkship and plans to attend the 29th session of the Bar Admission course in September.
**William Laurin,** BSc, is currently working as an exploration geophysicist for Chevron in Calgary.

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